JVC

SERVICE MANUAL

COLOR TELEVISION

AV-32430/M, AV-32432/M, AV-32430/R, AV-32430/R, AV-32432/R, AV-32432/Y

GE2

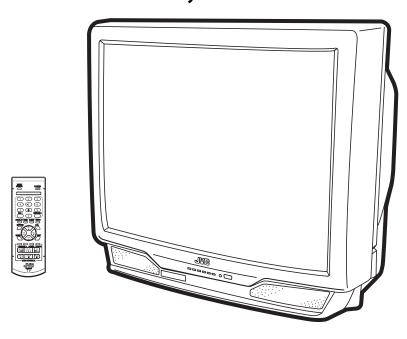


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SPECIFICATION

Items	Contents
Dimensions (W x H x D)	76.8cm x 66.7cm x 54.7cm (30-1/4" x 26-1/4" x 21-1/2")
Mass	51.0kg (112.2 lbs)
TV RF System	CCIR (M)
Color Sound System	NTSC, BTSC System (Multi Channel Sound)
VHF HIGH UHF	02ch~06ch: 54MHz~88MHz 07ch~13ch: 174MHz~216MHz 14ch~69ch: 470MHz~806MHz 54MHz~804MHz Low Band: 02~06, A-8 by 02~06&01 High Band: 07~13 by 07~13 Mid Band: A~1 by 14~22 Super Band: J~W by 23~36 Hyper Band: W+1~W+28 by 37~64 Ultra Band: W+29~W+84 by 65~125 Sub Mid Band: A8, A4~A1 by 01, 96~99
TV/CATV Total Channel	180 Channels
Intermediate Frequency Video IF Carrier Sound IF Carrier	45.75MHz 41.25MHz (4.5MHz)
Color Sub Carrier	3.58MHz
Power Input	AC 120V, 60Hz
Power Consumption	128W
Picture Tube	32" (80cm) Measured diagonally H:65.6cm x V:49.6cm
High Voltage	31kV±1.3kV (at zero beam current)
Speaker	8 x 12cm (3-1/4" x 4-3/4") Oval type x 2
Audio Power Output	3W + 3W
Antenna Terminal (VHF/UHF)	F-type connector, 75ohm
Audio (1 / 2 / 3)	1V(p-p), 75ohm (RCA pin jack x 2) 500mV(rms) (-4dBs), high impedance (RCA pin jack x 8) Mini DIN 4pin x 1 Y: 1V(p-p) positive (negative sync provided, when terminated with 75ohm) C: 0.286V(p-p) (burst signal when terminated with 75ohm) RCA pin jack x 3 Y: 1V(p-p) positive (negative sync provided, when terminated with 75ohm) Pb/Pr: 0.7V(p-p) 75ohm
Audio Output (Fix)	500mV(rms), low impedance, (1kHz when modulated 100%) (RCA pin jack x 2)
AV Compulink III	3.5mm mini jack x 1
Remote Control Unit	RM-C203 (Lithium cell battery x 1)

Design & specifications are subject to change without notice.

SECTION 1 PRECAUTIONS

1.1 SAFETY PRECAUTIONS

- (1) The design of this product contains special hardware, many circuits and components specially for safety purposes. For continued protection, no changes should be made to the original design unless authorized in writing by the manufacturer. Replacement parts must be identical to those used in the original circuits. Service should be performed by qualified personnel only.
- (2) Alterations of the design or circuitry of the products should not be made. Any design alterations or additions will void the manufacturer's warranty and will further relieve the manufacturer of responsibility for personal injury or property damage resulting therefrom.
- (3) Many electrical and mechanical parts in the products have special safety-related characteristics. These characteristics are often not evident from visual inspection nor can the protection afforded by them necessarily be obtained by using replacement components rated for higher voltage, wattage, etc. Replacement parts that have these special safety characteristics are identified in the parts list of Service manual. Electrical components having such features are identified by shading on the schematics and by (△) on the parts list in Service manual. The use of a substitute replacement which does not have the same safety characteristics as the recommended replacement part shown in the parts list of Service manual may cause shock, fire, or other hazards.

(4) Use isolation transformer when hot chassis.

The chassis and any sub-chassis contained in some products are connected to one side of the AC power line. An isolation transformer of adequate capacity should be inserted between the product and the AC power supply point while performing any service on some products when the HOT chassis is exposed.

(5) Don't short between the LIVE side ground and ISOLATED (NEUTRAL) side ground or EARTH side ground when repairing. Some model's power circuit is partly different in the GND. The difference of the GND is shown by the LIVE: (⊥) side GND, the ISOLATED(NEUTRAL): (⅓) side GND and EARTH: (⊕) side GND. Don't short between the LIVE side GND and ISOLATED(NEUTRAL) side GND or EARTH side GND and never measure with a measuring apparatus (oscilloscope etc.) the LIVE side GND at the same time.

If above note will not be kept, a fuse or any parts will be broken.

- (6) The high voltage applied to the picture tube must conform with that specified in Service manual. Excessive high voltage can cause an increase in X-Ray emission, arcing and possible component damage, therefore operation under excessive high voltage conditions should be kept to a minimum, or should be prevented. If severe arcing occurs, remove the AC power immediately and determine the cause by visual inspection (incorrect installation, cracked or melted high voltage harness, poor soldering, etc.). To maintain the proper minimum level of soft X-Ray emission, components in the high voltage circuitry including the picture tube must be the exact replacements or alternatives approved by the manufacturer of the complete product.
- (7) If any repair has been made to the chassis, it is recommended that the B1 setting should be checked or adjusted (See ADJUSTMENT OF B1 POWER SUPPLY).
- (8) Do not check high voltage by drawing an arc. Use a high voltage meter or a high voltage probe with a VTVM. Discharge the picture tube before attempting meter connection, by connecting a clip lead to the ground frame and connecting the other end of the lead through a 10kΩ 2W resistor to the anode button.
- (9) When service is required, observe the original lead dress. Extra precaution should be given to assure correct lead dress in the high voltage circuit area. Where a short circuit has occurred, those components that indicate evidence of overheating should be replaced. Always use the manufacturer's replacement components.

(10) Isolation Check

(Safety for Electrical Shock Hazard)After re-assembling the product, always perform an isolation check on the exposed metal parts of the cabinet (antenna terminals, video/audio input and output terminals, Control knobs, metal cabinet, screwheads, earphone jack, control shafts, etc.) to be sure the product is safe to operate without danger of electrical shock.

a) Dielectric Strength Test

The isolation between the AC primary circuit and all metal parts exposed to the user, particularly any exposed metal part having a return path to the chassis should withstand a voltage of 1100V AC (r.m.s.) for a period of one second.

(.... Withstand a voltage of 1100V AC (r.m.s.) to an appliance rated up to 120V, and 3000V AC (r.m.s.) to an appliance rated 200V or more, for a period of one second.)

This method of test requires test equipment not generally found in the service trade.

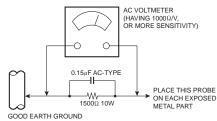
b) Leakage Current Check

Plug the AC line cord directly into the AC outlet (do not use a line isolation transformer during this check.). Using a "Leakage Current Tester", measure the leakage current from each exposed metal part of the cabinet, particularly any exposed metal part having a return path to the chassis, to a known good earth ground (water pipe, etc.). Any leakage current must not exceed 0.5mA AC (r.m.s.). However, in tropical area, this must not exceed 0.2mA AC (r.m.s.).

· Alternate Check Method

Plug the AC line cord directly into the AC outlet (do not use a line isolation transformer during this check.). Use an AC voltmeter having 1000 ohms per volt or more sensitivity in the following manner. Connect a 1500ohm 10W resistor paralleled by a 0.15µF AC-type capacitor between an exposed metal part and a known good earth ground (water pipe, etc.). Measure the AC voltage across the resistor with the AC voltmeter. Move the resistor connection to each exposed metal part, particularly any exposed metal part having a return path to the chassis, and measure the AC voltage across the resistor. Now, reverse the plug in the AC outlet and repeat each measurement. Any voltage measured must not exceed 0.75V AC (r.m.s.). This corresponds to 0.5mA AC (r.m.s.).

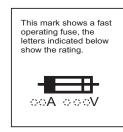
However, in tropical area, this must not exceed 0.3V AC (r.m.s.). This corresponds to 0.2mA AC (r.m.s.).

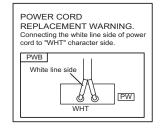


(11) High voltage hold down circuit check.

After repair of the high voltage hold down circuit, this circuit shall be checked to operate correctly.

See item "How to check the high voltage hold down circuit".





SECTION 2 SPECIFIC SERVICE INSTRUCTIONS

2.1 FEATURES

TELETEXT (CLOSED CAPTION)	Title TELETEXT broadcast of C1~C4 and T1~T4 formula is receivable.
DIGITAL COMB FILTER	By the three-line digital comb filter, the refreshed image can be seen.
VIDEO STATUS	Expression of a favorite screen can be chosen by the VIDEO STATUS function (STANDARD / DYNAMIC / SPORTS / GAME).
V-CHIP	Since the V chip is built in, it can choose, view and listen to a healthy program.
COMPONENT VIDEO INPUT TERMINAL	Since the component signal input terminal is equipped, it reappears direct without deteriorating the signal from DVD.
MTS STEREO SYSTEM	The voice multiplex function of the MTS system is built in. (MTS = Multi channel TV Sound system)
EZ SURF	By the EZ SURF function, channel ID and a program name are displayed in the screen automatically.
RETURN PLUS	you program a specific channel to return to while scanning through the channels using the CH+ and CH- buttons.
AV COMPULINK III	By the AV COMPULINK III function, operation interlocked with the DVD deck can be performed from remote control.
ON / OFF & SLEEP TIMER	The on/off timer lets you program your television to turn itself on or off. You can use it as an alarm to wake up, to help you remember important programs, or as a decoy when you're not home.
HYPER SCAN	A quick favorite program can be looked for by the HYPER SCAN function.
FRONT PANEL LOCK	This allows you to lock the keys on the front of the TV, so that a child may not accidentally change your viewing preferences.
NOISE MUTING	This feature inserts a blank blue screen over channels which are not broadcasting or are too weak to be received clearly.

2.2 MAIN DIFFERENCE LIST

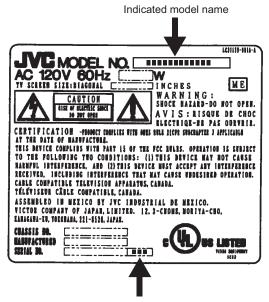
- The difference between MA models, RA model, and YA models is in the PICTURE TUBE. As the result of the difference in PICTURE TUBE, the MAIN PWB also differ.
- The difference between AV-32430 series models and AV-32432 series models are in the FRONT CABINET color.

\triangle	PART NAME	AV-32430/MA	AV-32430/RA	AV-32430/YA
Λ	FRONT CABINET (BLACK)	CM12914-010-MA	←	←
\triangle	MAIN P.W.B. ASSY	SGE-1064A-M2	SGE-1066A-M2	SGE-1065A-M2
\triangle	CRT SOCKET P.W.B. ASSY	SGE-3061A-M2	←	SGE-3062A-M2
Λ	AV SELECT P.W.B. ASSY	SGE-5062A-M2	←	←
Λ	PICTURE TUBE (ITC)	M80JUA061X06	A80AEJ15X01	A80AKB50X04

\triangle	PART NAME	AV-32432/MA	AV-32432/RA	AV-32432/YA
\triangle	FRONT CABINET (SILVER)	CM12914-012-MA	←	←
\triangle	MAIN P.W.B. ASSY	SGE-1061A-M2	SGE-1063A-M2	SGE-1062A-M2
\triangle	CRT SOCKET P.W.B. ASSY	SGE-3061A-M2	←	SGE-3062A-M2
\triangle	AV SELECT P.W.B. ASSY	SGE-5061A-M2	←	←
\triangle	PICTURE TUBE (ITC)	M80JUA061X06	A80AEJ15X01	A80AKB50X04

2.3 HOW TO IDENTIFY MODELS

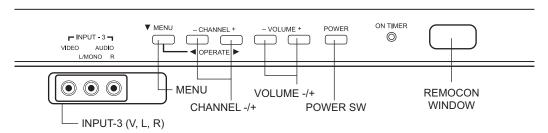
How to recognize from the appearance of the model concerned is written below. Please distinguish from several contents printed on the rating label.

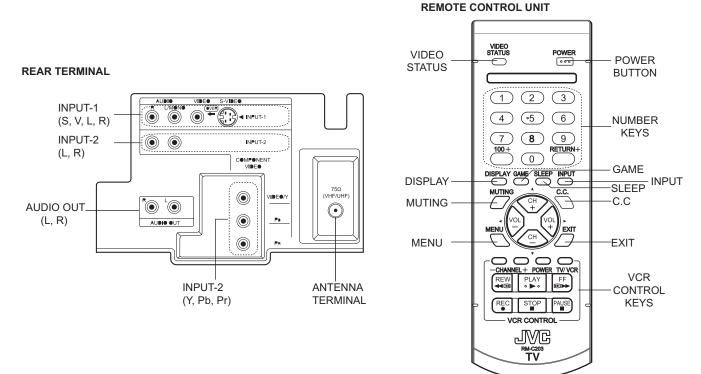


Indicated /M, /R or /Y model

2.4 FUNCTIONS

FRONT CONTROL PANEL





2.5 DISASSEMBLY PROCEDURE

2.5.1 REMOVING THE REAR COVER

- Unplug the power plug.
 - (1) Remove the 11 screws [A], as shown in Fig.1.
 - (2) Remove the rear cover toward you.

NOTE:

When reinstalling the REAR COVER, carefully push it inward after inserting the chassis into the rear cover groove.

2.5.2 REMOVING THE TERMINAL BOARD

- Remove the REAR COVER.
 - (1) Remove the 4 screws [E] as shown in Fig.2.
 - (2) When you pull out the TERMINAL BOARD, it can be removed.

2.5.3 REMOVING THE MAIN PWB

- · Remove the REAR COVER.
 - (1) Slightly raise the both sides of the CHASSIS BASE by hand, and remove the 2 claws [B] (Fig.1 and Fig.2) under the both sides of the chassis from the chassis rail.
 - (2) Draw the CHASSIS BASE backward along the chassis rail [C] in the arrow direction [D] as shown in Fig.1 and Fig.2. (If necessary, detach the wire clamp, connector's etc.)

NOTE:

When conducting a check with power supplied, be sure to confirm that the CRT earth wire is connected to the CRT SOCKET PWB and the MAIN PWB.

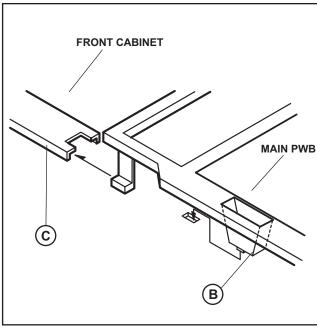


Fig.1

2.5.4 REMOVING THE FRONT CONTROL PWB

- Remove the REAR COVER.
- Remove the MAIN PWB.
 - (1) Remove the 2 screws **[F]** attached the FRONT CONTROL PWB with the front cabinet as shown in Fig.2.
 - (2) Then remove the FRONT CONTROL PWB.

2.5.5 REMOVING THE FRONT TERMINAL PWB

- Remove the REAR COVER.
- · Remove the CHASSIS BASE.
 - (1) Remove the 2 screws [G], as shown in Fig.2.
 - (2) Then remove the FRONT AV IN PWB.

2.5.6 REMOVING THE SPEAKER

- Remove the REAR COVER.
- Remove the CHASSIS BASE.
 - (1) Remove the 2 screws [H], as shown in Fig.2.
 - (2) Follow the same steps when removing the other hand speaker.

2.5.7 CHECKING THE MAIN PWB

- (1) Pull out the CHASSIS BASE. (Refer to REMOVING THE CHASSIS BASE).
- (2) Erect the chassis vertically so that you can easily check from the backside of the MAIN PWB.

2.5.8 CAUTION

- (1) When erecting the chassis, be careful so that there will be no contacting with other PWB.
- (2) Before turning on power, make sure that the CRT earth wire and other connectors are properly connected.

2.5.9 WIRE CLAMPING AND CABLE TYING

- (1) Be sure to clamp the wire.
- (2) Never remove the cable tie used for tying the wires together. Should it be inadvertently removed, be sure to tie the wires with a new cable tie.

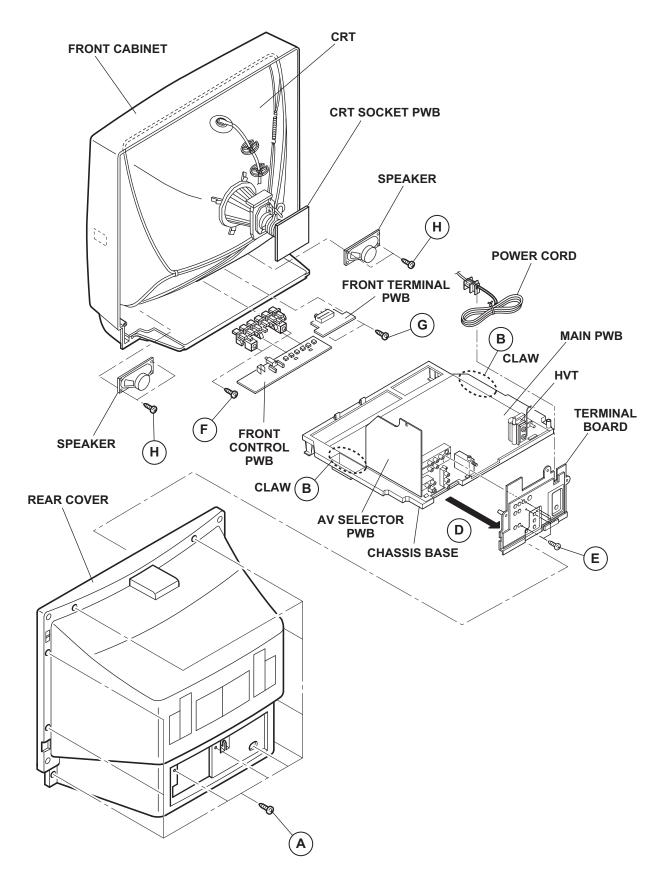


Fig.2

2.6 REMOVING THE CRT

NOTE:

- Replacement of the CRT should be performed by 2 or more persons.
- · After removing the REAR COVER, CHASSIS etc.,
- (1) Putting the CRT change table on soft cloth, the CRT change table should also be covered with such soft cloth (shown in Fig. 3).
- (2) While keeping the surface of CRT down, mount the TV set on the CRT change table balanced will as shown in Fig. 3.
- (3) Remove 4 screws marked by arrows with a box type screwdriver as shown in Fig. 4.

NOTE:

Since the cabinet will drop when screws have been removed, be sure to support the cabinet with hands.

(4) After 4 screws have been removed, put the cabinet slowly on cloth (At this time, be carefully so as not to damage the front

surface of the cabinet) shown in Fig. 5.

NOTE:

- The CRT should be assembled according to the opposite sequence of its dismounting steps.
- The CRT change table should preferably be smaller that the CRT surface, and its height be about 35cm.

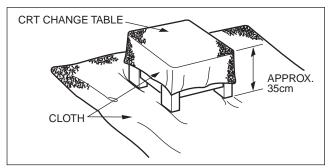


Fig.3

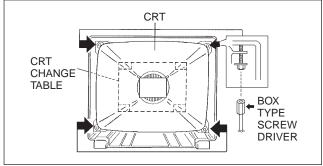


Fig.4

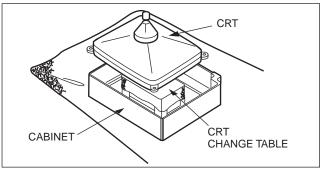


Fig.5

COATING OF SILICON GREASE FOR ELECTRICAL INSULATION ON THE CRT ANODE CAP SECTION.

Subsequent to replacement of the CRT and HV transformer or repair of the anode cap, etc. by dismounting them, be sure to coat silicon grease for electrical insulation as shown in Fig.6. Wipe around the anode button with clean and dry cloth. (Fig.6) Coat silicon grease on the section around the anode button. At this time, take care so that any silicon greases dose not sticks to the anode button. (Fig.7)

Silicon grease product No. KS - 650N

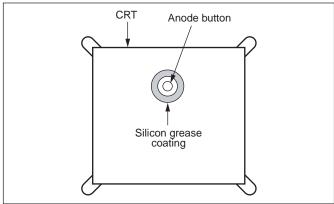


Fig.6

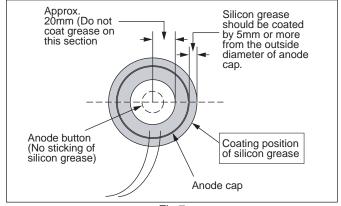


Fig.7

2.7 MEMORY IC REPLACEMENT

2.7.1 MEMORY IC

This TV use memory IC.

In the memory IC, there are memorized data for correctly operating the video and deflection circuits.

When replacing the memory IC, be sure to use IC written with the initial values of data.

2.7.2 PROCEDURE FOR REPLACING MEMORY IC

(1) Power off

Switch the power off and unplug the power plug.

(2) Replace IC

Be sure to use a memory IC written with the initial setting data.

(3) Power on

Connect the power plug and switch the power on.

(4) Setting of receive channels

Set the receive channels. For setting, refer to the OPERATING INSTRUCTIONS.

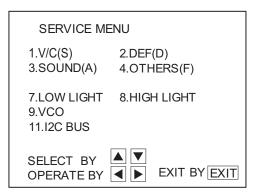
(6) User settings

Check the user setting items according to TABLE 2, and if these are different, set the correct value.

(7) SERVICE MENU setting

Verify what to set in the SERVICE MENU, and set whatever is necessary. Refer to the SERVICE ADJUSTMENT for setting.

SERVICE MENU



2.7.3 USER SETTING VALUES

Setting item	Setting value	Setting item	Setting value		
	REMOTE CONT	NTROL UNIT KEY			
POWER	OFF	DISPLAY	OFF		
CHANNEL	CH-02	VIDEO STATUS	DYNAMIC		
VOLUME	15	SLEEP TIMER	0		
TV/VIDEO	TV				
	SETTING	OF MENU			
PICTUR	E MODE	INITIAL SE	TUP MODE		
TINT	Center	LANGUAGE	ENG		
COLOR	Center	FRONT PANEL LOCK	OFF		
PICTURE	+8	V2 COMPONENT-IN	NO		
BRIGHT	Center	AUTO SHUT OFF	OFF		
DETAIL	+10	CLOSED CAPTION	OFF		
NOISE MUTING	ON	AUTO TUNER SETUP	AIR		
SOUNE	MODE	CHANNEL SUMMARY	Unnecessary to set		
BASS	Center	V-CHIP	OFF		
TREBLE	Center	SET LOCK CODE	(0000) Unnecessary to set		
BALANCE	Center	XDS ID	ON		
MTS	STEREO				
CLOCK / TII	MERS MODE				
SET CLOCK	MANUAL				
	TIME ZONE : PACIFIC				
	D.S.T. : OFF				
ON / OFF TIMER	OFF				

TABLE 2

2.8 REPLACEMENT OF CHIP COMPONENT

2.8.1 CAUTIONS

- (1) Avoid heating for more than 3 seconds.
- (2) Do not rub the electrodes and the resist parts of the pattern.
- (3) When removing a chip part, melt the solder adequately.
- (4) Do not reuse a chip part after removing it.

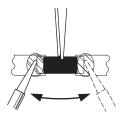
2.8.2 SOLDERING IRON

- (1) Use a high insulation soldering iron with a thin pointed end of it.
- (2) A 30w soldering iron is recommended for easily removing parts.

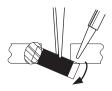
2.8.3 REPLACEMENT STEPS

1. How to remove Chip parts [Resistors, capacitors, etc.]

(1) As shown in the figure, push the part with tweezers and alternately melt the solder at each end.



(2) Shift with the tweezers and remove the chip part.

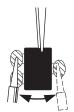


[Transistors, diodes, variable resistors, etc.]

(1) Apply extra solder to each lead.



(2) As shown in the figure, push the part with tweezers and alternately melt the solder at each lead. Shift and remove the chip part.

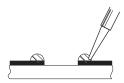


Note:

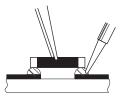
After removing the part, remove remaining solder from the pattern.

2. How to install Chip parts [Resistors, capacitors, etc.]

(1) Apply solder to the pattern as indicated in the figure.

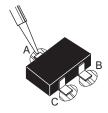


(2) Grasp the chip part with tweezers and place it on the solder. Then heat and melt the solder at both ends of the chip part.

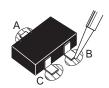


[Transistors, diodes, variable resistors, etc.]

- (1) Apply solder to the pattern as indicated in the figure.
- (2) Grasp the chip part with tweezers and place it on the solder.
- (3) First solder lead A as indicated in the figure.



(4) Then solder leads B and C.



SECTION 3 ADJUSTMENT

3.1 ADJUSTMENT PREPARATION

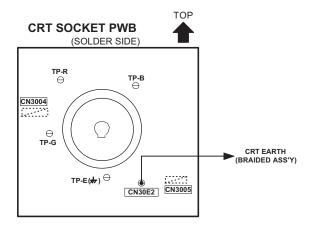
- (1) There are 2 ways of adjusting this TV: One is with the REMOTE CONTROL UNIT and the other is the conventional method using adjustment parts and components.
- (2) The adjustment using the REMOTE CONTROL UNIT is made on the basis of the initial setting values. The setting values which adjust the screen to the optimum condition can be different from the initial setting values.
- (3) Make sure that connection is correctly made AC to AC power source.
- (4) Turn on the power of the TV and measuring instruments for warming up for at least 30 minutes before starting adjustments.
- (5) If the receive or input signal is not specified, use the most appropriate signal for adjustment.
- (6) Never touch the parts (such as variable resistors, transformers and condensers) not shown in the adjustment items of this service adjustment.
- (7) Preparation for adjustment. Unless otherwise specified in the adjustment items, preset the following functions with the REMOTE CONTROL UNIT.

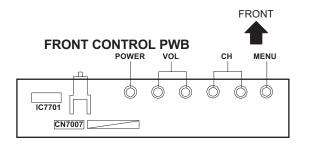
Item	Preset value
VIDEO STATUS	DYNAMIC
TINT, COLOR, PICTURE, BRIGHT, DETAIL	Center
NOISE MUTING	OFF
BASS, TREBLE, BALANCE	Center
MTS	STEREO

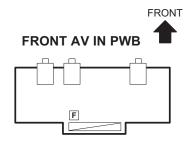
3.2 MEASURING INSTRUMENT AND FIXTURES

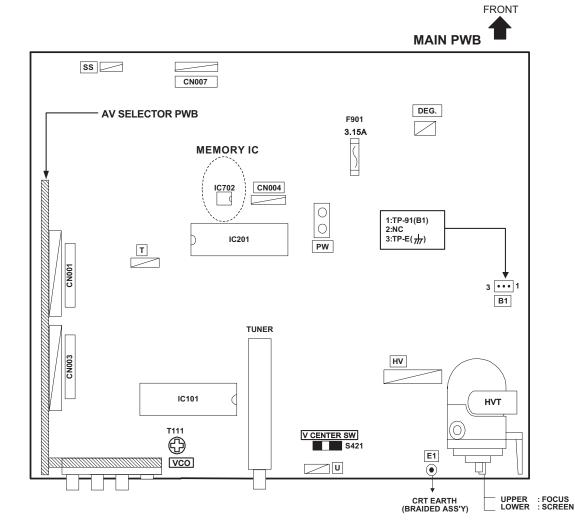
- (1) DC voltmeter (or digital voltmeter)
- (2) Oscilloscope
- (3) Frequency counter
- (4) Signal generator (Pattern generator) [NTSC]
- (5) TV audio multiplex signal generator
- (6) Remote control unit

3.3 ADJUSTMENT LOCATIONS









3.4 BASIC OPERATION OF SERVICE MENU

3.4.1 TOOL OF SERVICE MENU OPERATION

Operate the SERVICE MENU with the REMOTE CONTROL UNIT.

3.4.2 SERVICE MENU ITEMS

With the SERVICE MENU, various adjustments can be made, and they are broadly classified in the following items of settings.

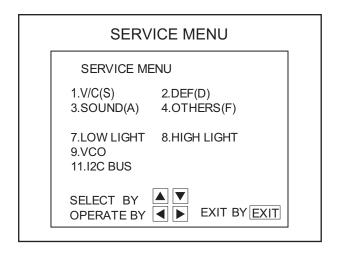
(1) V/C (S)	This mode adjusts the VIDEO and CHROMA control circuit.
(2) DEF (D)	This mode adjusts the DEFLECTION control circuit.
(3) SOUND (A)	This mode adjusts the SOUND control circuit.
(4) OTHERS (F)	This mode adjusts the display setting and the other settings (Do not change the values).
(7) LOW LIGHT	This mode adjusts the WHITE BALANCE (LOW LIGHT) control circuit.
(8) HIGH LIGHT	This mode adjusts the WHITE BALANCE (HIGH LIGHT) control circuit.
(9) VCO	This mode adjusts the VCO control circuit.
(11) I2C BUS	This mode adjusts the I ² C BUS control circuit (They are fixed).

3.4.3 BASIC OPERATION IN SERVICE MENU

3.4.3.1 HOW TO ENTER THE SERVICE MENU

Press the [SLEEP TIMER] key and set the SLEEP TIMER for "0 MIN"

Then press the [DISPLAY] key and [VIDEO STATUS] key of the remote control unit at the same time to enter the SERVICE MENU screen.



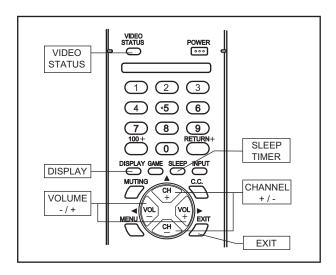
3.4.3.2 SUB MENU SCREEN SELECTION

Press [VOLUME (-/+)] keys of the REMOTE CONTROL UNIT, and select the SUB MENU SCREEN from SERVICE MENU. In SERVICE MENU, press the [CHANNEL (-/+)] key to select any of the SUB MENU items. The letters of the selected items are displayed in yellow.

1.V/C(S) 2.DEF(D)
3.SOUND(A) 4.OTHERS(F)
7.LOW LIGHT 8.HIGH LIGHT

9.VCO

11.I2C BUS



3.4.3.3 SETTING METHOD

[1.V/C(S), 2.DEF(D) AND 3.SOUND(A) ADJUSTMENT MODE]

- 1) Press the [CHANNEL (-/+)] keys to select the one of setting item from S01 BRIGHT to S21 AGC ADJ.
- 2) Press the [VOLUME (-/+)] keys to change the setting value. The setting value will be stored automatically when release the REMOTE CONTROL UNIT keys.

It can adjust the items 2.DEF(D) and 3.SOUND(A) in the same procedure.

[7.LOW LIGHT, 8.HIGH LIGHT AND 9.VCO ADJUSTMENT MODE]

Since the key operation in this mode is peculiar, please refer to the clause of the "ADJUSTMENT PROCEDURE".

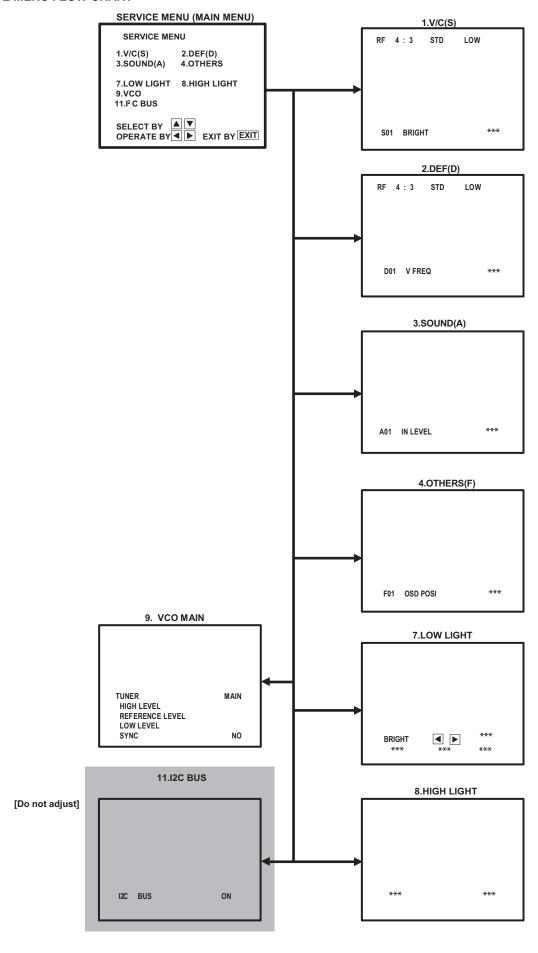
[4.OTHERS AND 11.I2C BUS ADJUSTMENT MODE]

These are no requirement for adjustment. Don't change these values.

3.4.3.4 Release of SERVICE MENU

When adjustment is completed, press the [EXIT] key twice. Then return to the normal screen.

3.4.4 SERVICE MENU FLOW CHART



3.5 INITIAL SETTING VALUE OF SERVICE MENU

- (1) Adjustment of the SERVICE MENU is made on the basis of the initial setting values. However, the new setting values which displays on the screen in its optimum condition may differ from the initial setting value.
- (2) Do not change the initial setting values of the items not listed in "ADJUSTMENT PROCEDURE".
- (3) "---" is impossible to adjust.

3.5.1 [1.V/C]

			Initial setting value								
No.	Setting item	Variable range	RF STANDARD THEATER		EXTERNA	L (SV,CV)	COMPONENT				
					STANDARD	THEATER	STANDARD	THEATER			
S01	BRIGHT	0~127	64								
S02	PICTURE	0~127	55								
S03	COLOR	0~127	50				55				
S04	TINT	0~127	60				78				
S05	DETAIL	0~63	37		35		40				
S06	BRIGHT +-	-128~+127		1	-2		0				
S07	PICT+-	-128~+127		-10	0		0				
S08	COLOR +-	-128~+127		-3	-2						
S09	TINT+-	-128~+127		-3	2						
S10	DETAIL+-	-128~+127		0							

			Initial setting value							
Na	Sotting item	Verieble renge		RF/EXT (SV,CV)				COMP	ONENT	
No.	Setting item	Variable range	STANDARD		THEATER		STANDARD		THEATER	
			LOW	HIGH	LOW	HIGH	LOW	HIGH	LOW	HIGH
S11	R CUT OFF	0~255	30							
S12	G CUT OFF	0~255	30							
S13	B CUT OFF	0~255	30							
S14	R DRIVE	0~127	64							
S15	B DRIVE	0~127	64							
S16	R CUT+-	-128~+127		0	0	0	-10			
S17	G CUT+-	-128~+127		0	0	0	0			
S18	B CUT+-	-128~+127		0	0	0	-10			
S19	R DRV+-	-128~+127		0	7	7	0			
S20	B DRV+-	-128~+127		0	-9	-9	0			

No.	Setting item	Variable range	Initial setting value		
S21	AGC ADJUST	0~127	80		

3.5.2 [2.DEF]

No.	Setting item	Variable range	_	430 /M 432 /M	_	2430 /Y 2432 /Y	_	430 /R 432 /R
			RF	EXTERNAL (SV, CV)	RF	EXTERNAL (SV, CV)	RF	EXTERNAL (SV, CV)
D01	AFC GAIN	0~3	0	2	0	2	0	2
D02	H POSI	0~31	20	20	20	20	20	20
D03	V SIZE	0~125	63	63	70	70	70	70
D04	V S CORR	0~15	5	5	5	5	5	5
D05	V LIN	0~15	12	12	12	12	12	12
D06	H SIZE	0~63	17	17	26	26	27	27
D07	WVMT TOP	0~3	0	0	0	0	0	0
D08	WVMT BTM	0~3	0	0	0	0	0	0
D09	EWCR TOP	0~31	12	12	12	12	12	12
D10	EWCR BTM	0~31	15	15	15	15	15	15
D11	EW PARA	0~63	30	30	36	36	36	36
D12	BLANK SW	0~1	0	0	0	0	0	0

3.5.3 [3.SOUND]

No.	Setting item	Variable range	Initial setting value
A01	IN LEVEL	0~63	36
A02	FH MON	0~1	0
A03	ST VCO	0~63	43
A04	PIL CAN	0~1	0
A05	FILTER	0~63	35
A06	LOW SEP	0~63	8
A07	HI SEP	0~63	26
A08	5FH MON	0~1	0
A09	SAP VCO	0~63	44

3.5.4 [4.OTHERS]

No.	Setting item	Variable range	Initial setting value
F01	OSD POSI	0~255	40
F02	OSD PREQ	0~255	90
F03	CCD POSI	0~63	47
F04	CCD FREQ	0~255	93
F05	CCD CONT	0~63	7
F06	PUR CONT	0~255	2
F07	VNR CHK	0~255	3
F08	VCSN TM	0~255	5
F09	CCD PCHK	0~1	1

3.5.5 [7.LOW LIGHT]

No.	Setting item	Variable range	Initial setting value
1	RED	0~255	30
2	GREEN	0~255	30
3	BLUE	0~255	30

3.5.6 [8.HIGH LIGHT]

No.	Setting item	Variable range	Initial setting value
1	RED	0~255	64
2	BLUE	0~255	64

3.6 ADJUSTMENT PROCEDURE

3.6.1 CHECK ITEM

Item	Measuring instrument	Test point	Adjustment part	Description
B1 POWER SUPPLY	DC voltmeter	B1 Connector TP-91, TP-E		(1) Receive the black-and-white signal. (color off) (2) Connect the DC voltmeter to TP-91 (B1 connector 1
check	Signal generator	[MAIN PWB]		pin) and TP-E (B1 connector 3 pin). (3) Confirm that the voltage is DC134V±2V.

3.6.2 IF VCO

ltem	Measuring instrument	Test point	Adjustment part	Description
IF VCO	Remote control unit TOO HIGH SYNG AFC FINE	ON	[9.VCO] CW transf. (T111) [MAIN PWB]	It must not adjust without inputting the RF signal. (1) Receive a broadcast. (2) Select 9.VCO. (3) Change the [AFC] to OFF and [FINE] to 0. (4) Confirm that the color change from "TOO HIGH" to "TOO LOW" by CW transf. on MAIN PWB, and check the [SYNC] is YES. (5) Adjust CW transf. until "GOOD" letters turns green And then confirm that the [SYNC] is YES again Adjustment can be done in this statement. (6) It return the [AFC] to ON. (7) Push the [EXIT] key to exit the [9.VCO] mode.

3.6.3 RF AGC

Ite	m	Measuring instrument	Test point	Adjustmer	nt part	Description
RF AGC		Signal generator Remote control unit		[1.V/C(S)] S21 : AGC AE	ΟĴ	 (1) Receive a black-and-white signal (colour off). (2) Select 1.V/C. (3) Select <s21>(AGC ADJ).</s21> (4) Press the [MUTING] key and turn the picture color off. (5) With the [VOLUME (-)] key to get the noise in the screen picture (zero side of setting value). (6) Press the [VOLUME (+)] key several times and step
	No.	Setting item	Variable range	Initial setting value		when noise disappears from the screen (at that time not to increase the value too much).
	S21	AGC ADJ	0~127	80		(7) Change to other channels and make sure that ther is no irregularity.(8) Press the [MUTING] key and get color out.

3.6.4 FOCUS

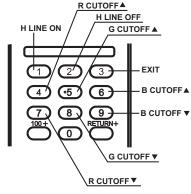
Iten	Measuring instrument	Test point	Adjustment part	Description
FOCUS	Signal		FOCUS VR	(1) Receive the crosshatch signal.
	generator		[In HVT]	(2) While looking at the screen, adjust the FOCUS VR to the vertical and horizontal lines will be clear and in fine detail.(3) Make sure that the picture is in focus even when the screen gets darkened.

3.6.5 DEFLECTION CIRCUIT

Item	Measuring instrument	Test point	Adjustment part	Description
V. SIZE & V. CENTER	Signal generator Remote control unit		[2.DEF(D)] D03 : V SIZE V. CENTER SW(S421) [MAIN PWB]	 (1) Receive the crosshatch signal. (2) Select 2.DEF(D). (3) Select the <d03>(V SIZE).</d03> (4) Adjust the <d03> so that the vertical screen size becomes 92.0%.</d03> (5) Adjust the V. CENTER SW to agree the vertical center with display center.
	Screen size		Picture size (100%)	
	AV-32430 /M AV-32432 /M AV-32430 /Y AV-32432 /Y AV-32430 /R AV-32430 /R AV-32432 /R	6	tial setting value	
H. SIZE / H. CENTER / SIDEPIN	AV-32432 /R		D02 : H POSI D06 : H SIZE D16 : EW PARA D09 : EWCR TOP D10 : EWCR BTM	 (1) Receive the crosshatch signal. (2) Select 2.DEF(D). (3) Select <d02>(H POSI).</d02> (4) Adjust <d02> so that left width and right width of the crosshatch screen becomes equal.</d02> (5) Adjust <d06>(H SIZE) so that screen horizontal width becomes 92.0%.</d06> (6) Adjust <d16>(EW PARA) so that vertical line becomes straight at both top and bottom edge.</d16> (7) When vertical lines of four corner does not turn into straight, adjust with <d09>(EWCR TOP) and <d10>(EWCR BTM) to correctly.</d10></d09>

3.6.6 VIDEO CIRCUIT

Item	Measuring instrument	Test point	Adjustment part	Description
WHITE BALANCE (LOW LIGHT)	Signal generator Remote control unit		[7.LOW LIGHT] [1.V/C(S)] S11: R CUTOFF S12: G CUTOFF S13: B CUTOFF S01: BRIGHT SCREEN VR [in HVT]	 (1) Receive the black-and-white signal (color off). (2) Select 7.LOW LIGHT. (3) Set the initial setting value of <s11>(R CUTOFF), <s12>(G CUTOFF), <s13>(B CUTOFF) and <s01>(BRIGHT).</s01></s13></s12></s11> (4) Display a single horizontal line by pressing the [1] key. (5) Turn the SCREEN VR all the way to the left. (6) Turn the SCREEN VR gradually to the right from the left until either one of the red, blue or green color
		R CUTOFF▲ H LINE OFF		appears faintly.(7) Adjust the two colors which did not appear until the single horizontal line that is displayed becomes



No.	Setting item	Variable range	Initial setting value
S11	R CUT OFF	0~255	30
S12	G CUT OFF	0~255	30
S13	B CUT OFF	0~255	30
S01	BRIGHT	0~127	64

 WHITE
 Signal generator
 [8.HIGH LIGHT]

 BALANCE (HIGH LIGHT)
 S14: R DRIVE

 Remote
 S15: B DRIVE

control unit

(1) Receive the black-and-white signal (color off).
(2) Select the 8.HIGH LIGHT.

white using the [4] to [9] keys.

is displayed faintly.

mode.

slightly.

adjustment mode.

to look white.

(8) Turn the SCREEN VR until the single horizontal line

(9) Press the [2] key to cancel the single horizontal line

(10) Adjust the <S01> level to become the black

(11) Confirm that whether the color ingredient of R,G,or B

(12) When the color ingredient can be seen, two colors other than a visible color is adjusted, and it is made

(13) Return the value of <S01> to initial setting value.

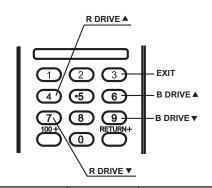
If [3] key is pressed, it can escape from WHITE BALANCE

component shines white slightly by [VOLUME (-/+)]

is visible to the black component, which shines white

- (3) Set the initial setting value of <S14>(R DRIVE) and <S15>(B DRIVE) with the [4], [6], [7] and [9] keys of the remote control unit.
- (4) Adjust the screen until it becomes white using the [4], [6], [7] and [9] keys of the remote control unit.

If [3] key is pressed, it can escape from WHITE BALANCE adjustment mode.



No.	Setting item	Variable range	Initial setting value
S14	R DRIVE	0~127	64
S15	G DRIVE	0~127	64

Item		Measuring instrument	Test point	Adjustment part	Description			
SUB BRI	GHT			[1.V/C(S)] S01 : BRIGHT	(1) Receive the broadcast. (2) Select 1.V/C(S). (3) Select <s01>(BRIGHT). (4) Set the initial setting value of the <s01> with the</s01></s01>			
	No.	Setting item	Variable range	Initial setting value	[VOLUME (-/+)] key. (5) If the brightness is not the best with the initial setting value, make fine adjustment of the <s01> until you</s01>			
	S01	BRIGHT	0~127	64	get the optimum brightness.			
SUB CONTRA	AST	Remote control unit		[1.V/C(S)] S02 : PICTURE	(1) Receive the broadcast. (2) Select 1.V/C(S). (3) Select <s02>(PICTURE).</s02>			
	No.	Setting item	Variable range	Initial setting value	(4) Set the initial setting value of the <s02> with the [VOLUME (-/+)] key.</s02>(5) If the contrast is not the best with the initial setting value, make fine adjustment of the <s02> until you</s02>			
	S02	PICTURE	0~127	65	get the optimum contrast.			
SUB CO	LOR	Signal generator		[1.V/C(S)] S03 : COLOR	(1) Receive the broadcast. (2) Select 1.V/C(S). (3) Select <s03>(COLOR).</s03>			
		Remote control unit			(4) Set the initial setting value of the <s03> with the [VOLUME (-/+)] key.</s03>If the color is not the best with the Initial setting value,			
					make fine adjustment of the <s03> until you get the optimum color.</s03>			
	No.	Setting item	Variable range	Initial setting value				
	S03	COLOR	0~127	50				
SUB TIN	Т	Signal generator		[1.V/C(S)] S04 : TINT	(1) Receive the broadcast. (2) Select 1.V/C(S). (3) Select <s04>(TINT).</s04>			
		Remote control unit			(4) Set the initial setting value of the <s04> with the [VOLUME (-/+)] key.</s04>If the tint is not the best with the Initial setting value, make			
		1			fine adjustment of the <s04> until you get the optimum tint.</s04>			
No.		Setting item	Variable range	Initial setting value	unc.			
		TINT	0~127	60				

3.6.7 MTS CIRCUIT

Item		Measuring instrument	Test point	Adjustment part	Description			
MTS INF LEVEL check	PUT	Remote control unit		[3.SOUND(A)] A01 : IN LEVEL	(1) Select the <a01>(IN LEVEL).</a01>(2) Verify that the <a01> is set at its initial setting value</a01>			
No.		Setting item	Variable range	Initial setting value				
	A01	IN LEVEL	0~63	036				
MTS STEREO VCO		Frequency counter Signal generator Remote control unit	R OUT [AUDIO OUT]	[3. SOUND(A)] A02 : FH MON A03 : ST VCO	 (1) Receive the RF signal (no modulated sound signal from the antenna terminal. (2) Select 3.SOUND(A). (3) Select the <a02>(FH MON) and change the setting value from 0 to 1.</a02> (4) Connect the frequency counter to R OUT of the AUDIO OUT. (5) Select the <a03>(ST VCO).</a03> (6) Set the initial setting value of the <a03>.</a03> 			
	No.	Setting item	Variable range	Initial setting value	 (7) Adjust the <a03> so that the frequency counter display 15.73kHz±0.1kHz.</a03> (8) Select the <a02> of the SOUND mode, and reset</a02> 			
	A02	FH MON	0~63	0	setting value from 1 to 0.			
A03		ST VCO	0~63	043				
MTS SAP VCO		Frequency counter Signal generator Remote control unit	R OUT [AUDIO OUT]	[3. SOUND(A)] A08 : 5FH MON A09 : SAP VCO	 (1) Receive the RF signal (non modulated sound signal from the antenna terminal. (2) Select 3.SOUND(A). (3) Select the <a08> (SFH MON) and reset the setting value from 0 to 1.</a08> (4) Connect the frequency counter to R out of the AUDIO OUT. (5) Select the <a09> (SAP VCO).</a09> (6) Set the initial setting value of <a09>.</a09> (7) Adjust the <a09> so that the frequency counter will display 70.07 by the counter of the count</a09>			
	No.	Setting item	Variable range	Initial setting value	display 78.67kHz±0.5kHz. (8) Select the <a08>, and reset the setting value from 1 to 0.</a08>			
	A08	5FH MON	0~1	0				
	A09	SAP VCO	0~63	044				
MTS FIL	TER.	Remote control unit		[3. SOUND(A)] A04 : PILOT CAN A05 : FILTER	(1) Select 3.SOUND(A). (2) Select the <a05> (FILTER). (3) Select the <a04> (PILOT CAN) and reset the setting value from 0 to 1.</a04></a05>			
	No.	Setting item	Variable range	Initial setting value	(4) Verify that the <a05> is set at its initial setting value.</a05>			
	A04	PIL CAN	0~1	0				
	A05	FILTER	0~63	035				

Item	Item Measuring instrument Test point Adjustment p		part	Description	
MTS SEPARATION	TV audio multiplex signal generator Oscilloscope Remote control unit	R OUT L OUT [AUDIO OUT]	[3.SOUND(A)] A06 : LOW SEF A07 : HI SEP	o.	 (1) Input the stereo L signal (300Hz) from the TV audio multiplex signal generator to the antenna terminal. (2) Connect an oscilloscope to R OUT pin of the AUDIO OUT, and display one cycle portion of the 300Hz signal. (3) Select 3.SOUND(A). (4) Select the <a06> (LOW SEP).</a06> (5) Set the initial setting value of the <a06> with the [VOLUME (-/+)] key.</a06>
	Channel inal waveform	R-Cha crossta	alk portion		 (6) Adjust the <a06> so that the stroke element of the 300Hz signal will become minimum.</a06> (7) Change the connection of the oscilloscope to L OUT pin of the AUDIO OUT, and enlarge the voltage axis (8) Change the signal to 3kHz, and similarly adjust the <a07> (HI SEP).</a07>
No.	Setting item	Variable range	Initial setting value		
A06	LOW SEP	0~63	008		
A07	HI SEP	0~63	026		

3.6.8 HOW TO CHECK THE HIGH VOLTAGE HOLD DOWN CIRCUIT

3.6.8.1 HIGH VOLTAGE HOLD DOWN CIRCUIT

After repairing the high voltage hold down circuit.

This circuit shall be checked to operate correctly.

3.6.8.2 CHECKING OF THE HIGH VOLTAGE HOLD DOWN CIRCUIT

- (1) Turn the power switch to on.
- (2) Refer to the following figure, set the resistor between X connector 1 and 3.
- (3) Make sure that the screen picture disappears.
- (4) Temporarily unplug the power plug.
- (5) Remove the resistor replaced X connector 1 and 3.
- (6) Again plug the power plug, make sure that the normal picture is displayed on the screen.

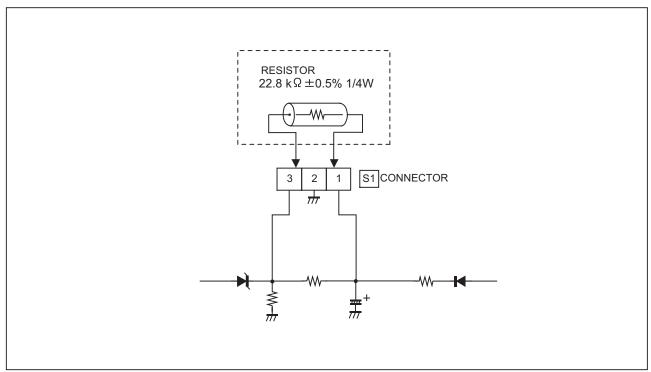


Fig.3-5-9

STANDARD CIRCUIT DIAGRAM

■ NOTE ON USING CIRCUIT DIAGRAMS

1.SAFETY

The components identified by the Asymbol and shading are critical for safety. For continued safety replace safety critical components only with manufactures recommended parts.

2.SPECIFIED VOLTAGE AND WAVEFORM VALUES

The voltage and waveform values have been measured under the following conditions.

(1)Input signal : Colour bar signal

(2) Setting positions of

each knob/button and variable resistor

: Original setting position when shipped

:V

:DC 20k Ω /V

(3)Internal resistance of tester

(4)Oscilloscope sweeping time ⇒ 20us/div

> :Others ⇒ Sweeping time is

> > specified

⇒ 5ms/div

(5) Voltage values :All DC voltage values

* Since the voltage values of signal circuit vary to some extent according to adjustments, use them as reference values.

3.INDICATION OF PARTS SYMBOL [EXAMPLE]

In the PW board :R1209 → R209

4.INDICATIONS ON THE CIRCUIT DIAGRAM (1)Resistors

Resistance value

No unit $[\Omega]$:[k Ω] $[M \Omega]$

Rated allowable power

No indication :1/16 [W] :As specified

Type

No indication :Carbon resistor OMR :Oxide metal film resistor MFR :Metal film resistor MPR :Metal plate resistor UNFR :Uninflammable resistor FR :Fusible resistor

* Composition resistor 1/2 [W] is specified as 1/2S or Comp.

(2)Capacitors

Capacitance value

1 or higher :[pF] less than 1 :[µF]

Withstand voltage

No indication :DC50[V]

Others :DC withstand voltage [V] AC indicated :AC withstand voltage [V]

* Electrolytic Capacitors

47/50[Example]: Capacitance value [µF]/withstand voltage[V]

■Type No indication

:Ceramic capacitor :Metalized mylar capacitor

PP :Polypropylene capacitor MPP

:Metalized polypropylene capacitor MF :Metalized film capacitor TF :Thin film capacitor

:Bipolar electrolytic capacitor TAN :Tantalum capacitor

(3)Coils

ВP

[H4]: No unit Others :As specified

(4)Power Supply

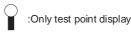
:B2 (12V) :B1 .9V _____:5V

*Respective voltage values are indicated

(5)Test point

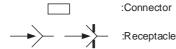


:Test point



:Wrapping or soldering

(6)Connecting method



(7)Ground symbol

:ISOLATED(NEUTRAL) side ground

:EARTH ground :DIGITAL ground

5.NOTE FOR REPAIRING SERVICE

This model's power circuit is partly different in the GND. The difference of the GND is shown by the LIVE:(上) side GND and the ISOLATED(NEUTRAL): (____) side GND. Therefore, care must be taken for the following points.

- (1)Do not touch the LIVE side GND or the LIVE side GND and the ISOLATED(NEUTRAL) side GND simultaneously. If the above caution is not respected, an electric shock may be caused. Therefore, make sure that the power cord is surely removed from the receptacle when, for example, the chassis is pulled out.
- (2)Do not short between the LIVE side GND and ISOLATED(NEUTRAL) side GND or never measure with a measuring apparatus measure with a measuring apparatus (oscilloscope, etc.) the LIVE side GND and ISOLATED(NEUTRAL) side GND at the same time. If the above precaution is not respected, a fuse or any parts will be broken.
- ♦ Since the circuit diagram is a standard one, the circuit and circuit constants may be subject to change for improvement without any notice.

NOTE

♦ Due improvement in performance, some part numbers show in the circuit diagram may not agree with those indicated in

When ordering parts, please use the numbers that appear in the Parts List.

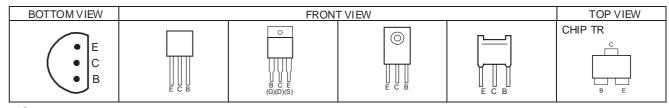
AV-32430 AV-32432

CONTENTS

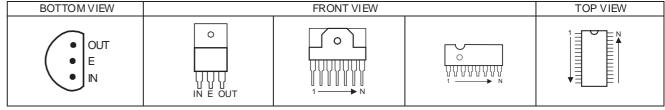
SEMICONDUCTOR SHAPES2-2
BLOCK DIAGRAM2-3
CIRCUIT DIAGRAMS2-5
MAIN PWB CIRCUIT DIAGRAM 2-5
AV SELECTOR PWB CIRCUIT DIAGRAM2-9
CRT SOCKET PWB CIRCUIT DIAGRAM2-11
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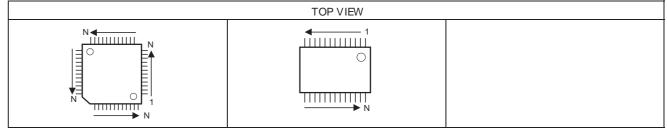
TRANSISTOR



IC

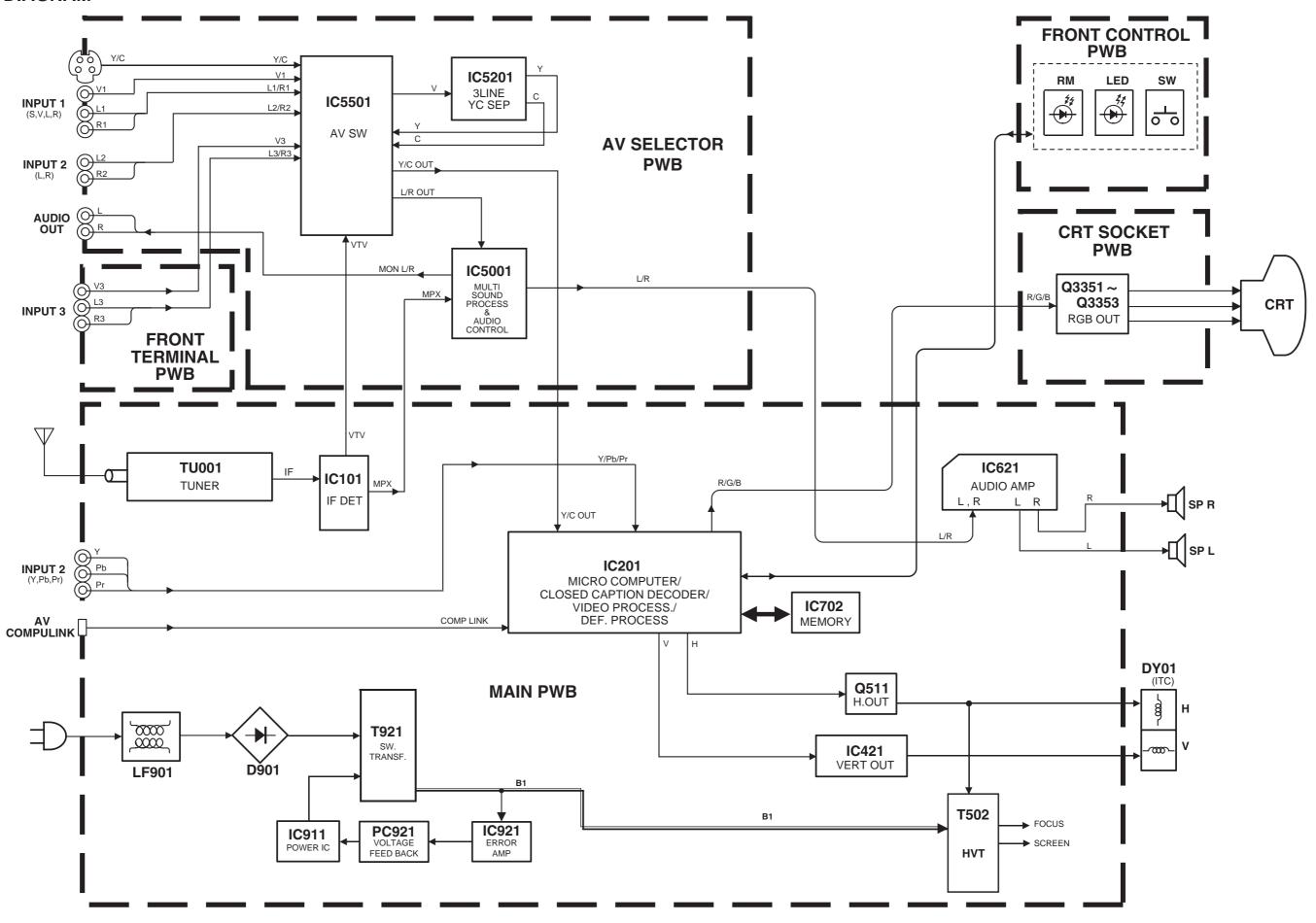


CHIP IC



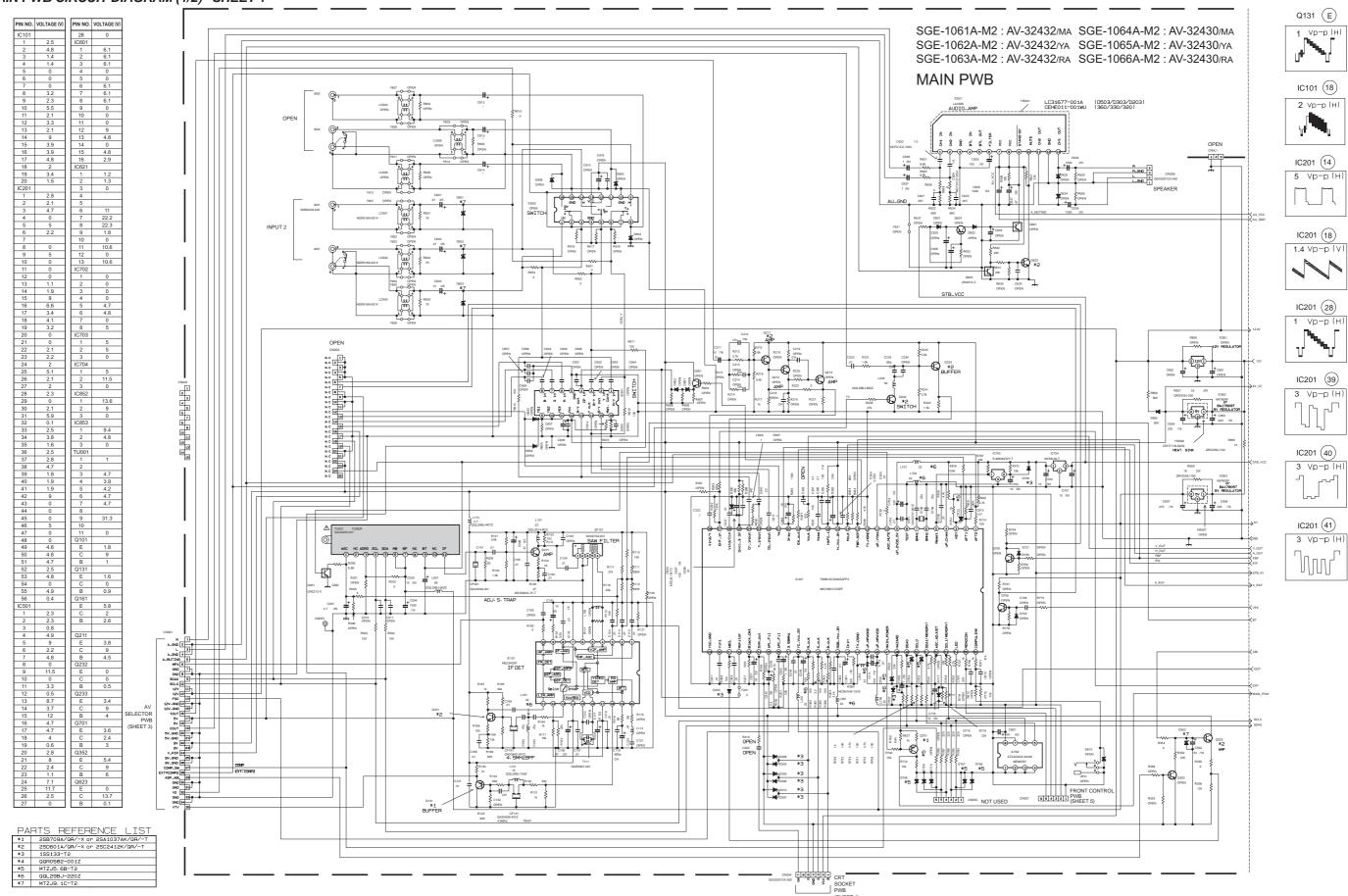
2-1

BLOCK DIAGRAM



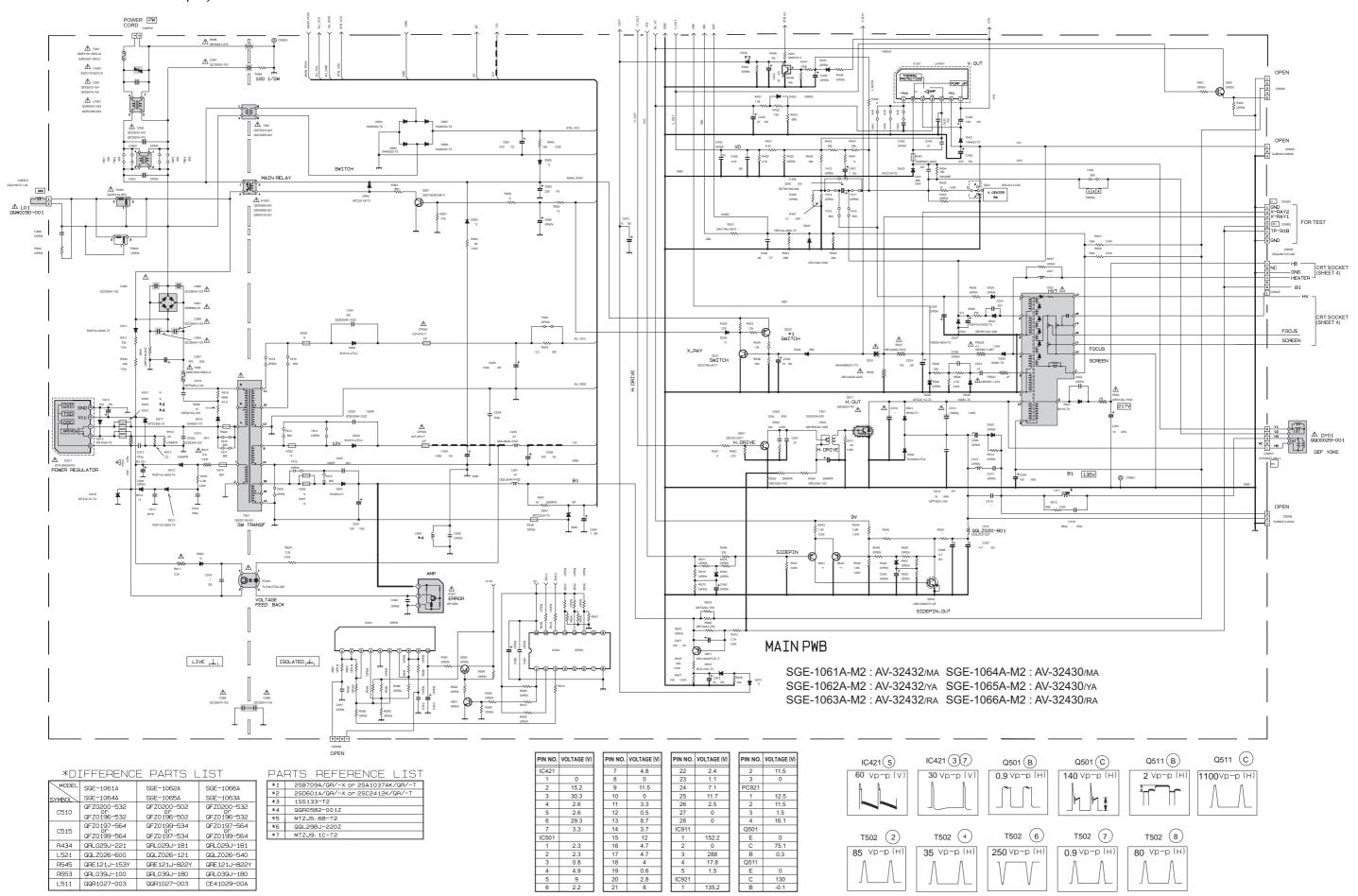
CIRCUIT DIAGRAMS

MAIN PWB CIRCUIT DIAGRAM (1/2) SHEET 1

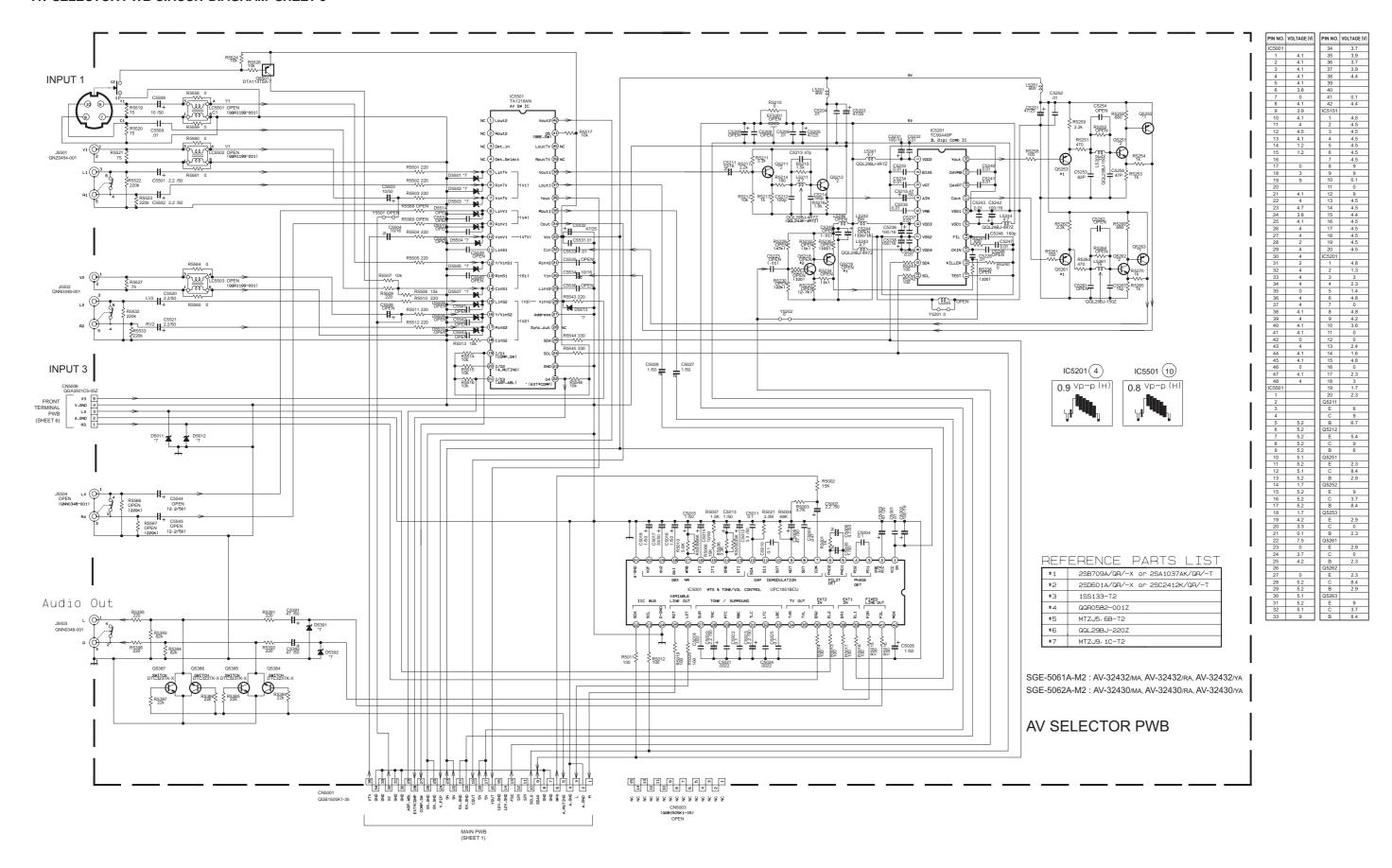


AV-32430 AV-32430 AV-32432 AV-32432

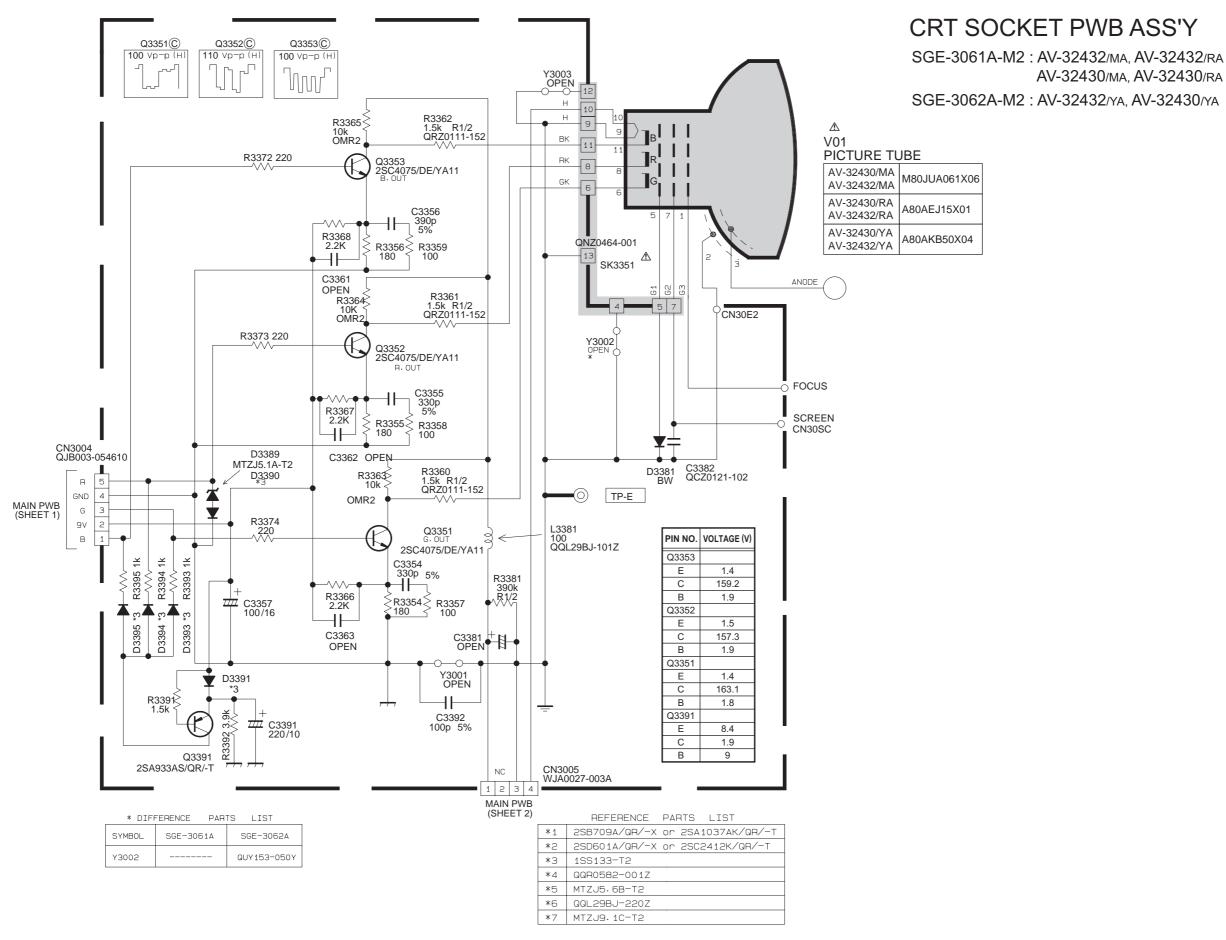
MAIN PWB CIRCUIT DIAGRAM (2/2) SHEET 2

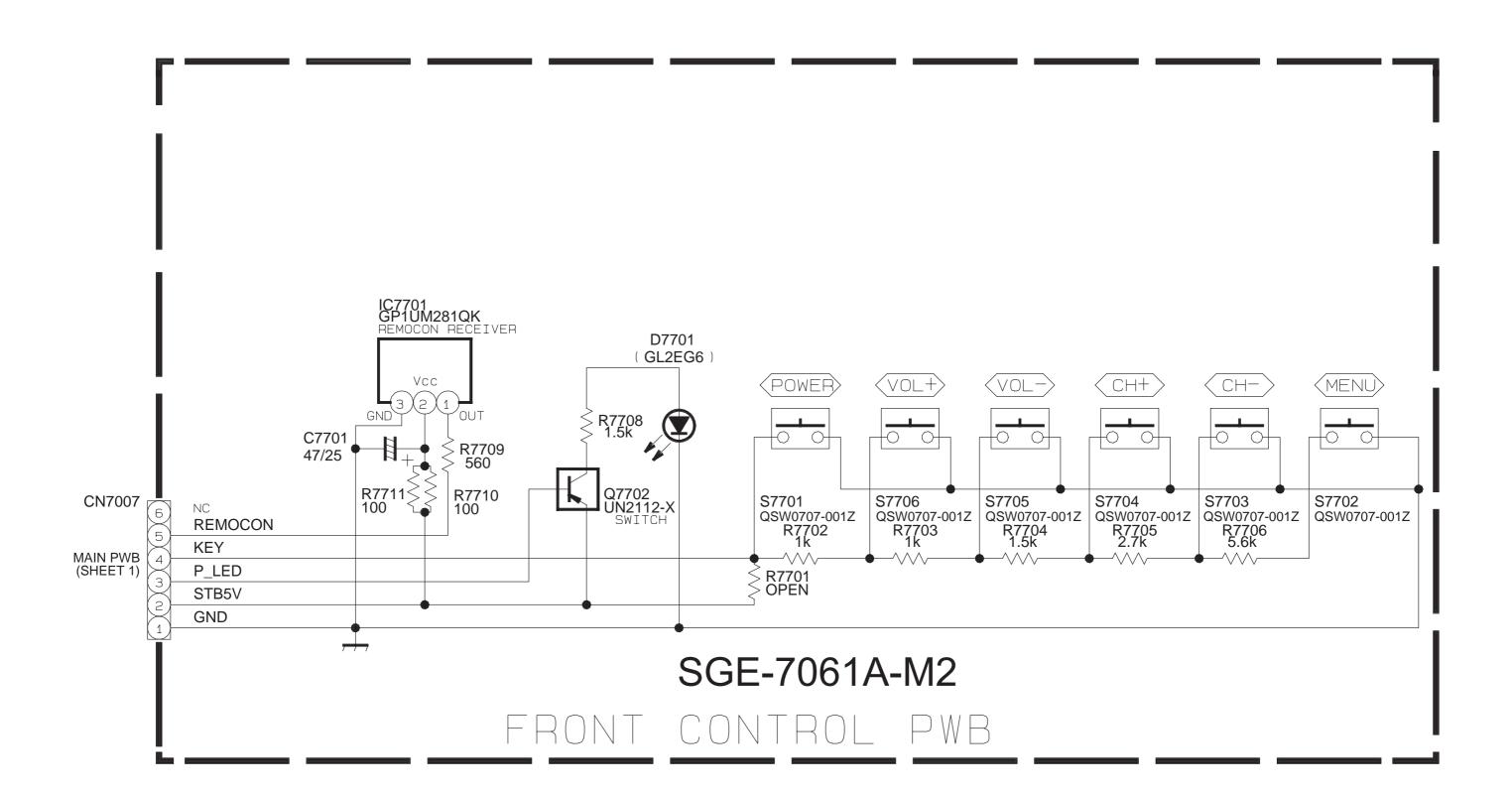


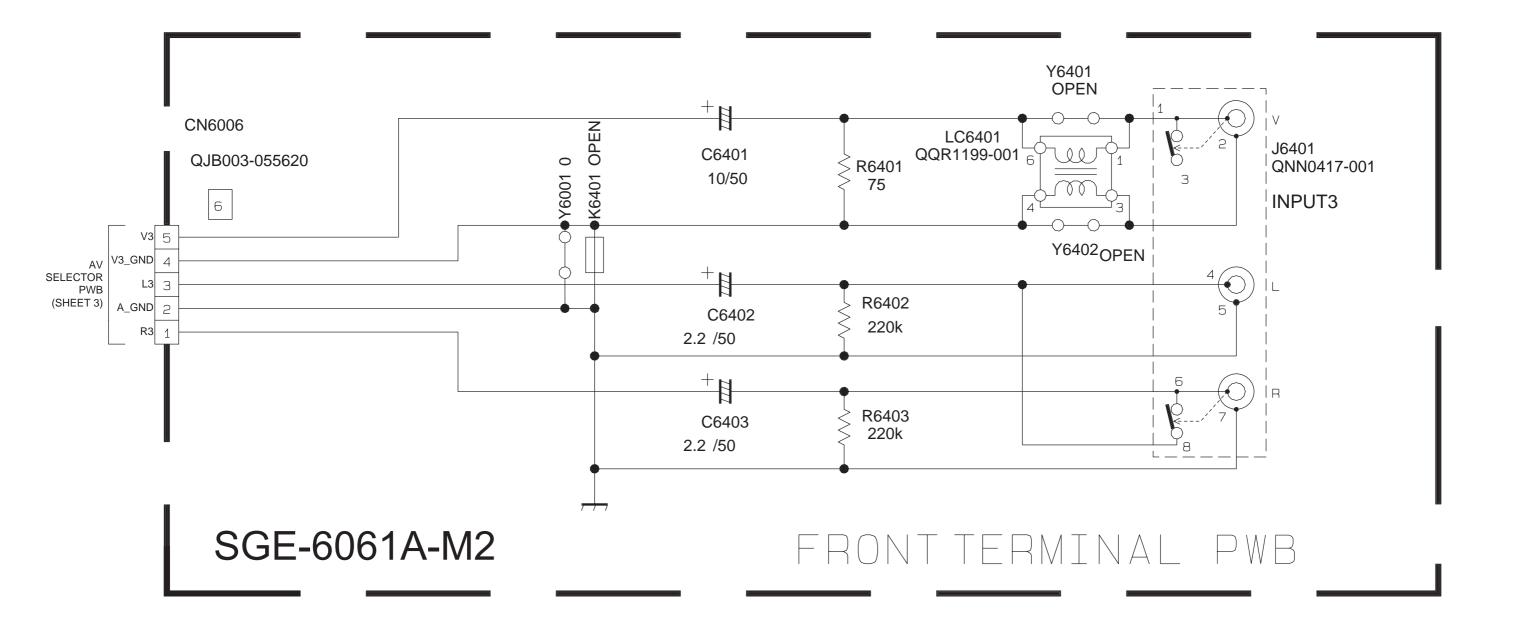
AV SELECTOR PWB CIRCUIT DIAGRAM SHEET 3



AV-32430/MA, AV-32430/RA

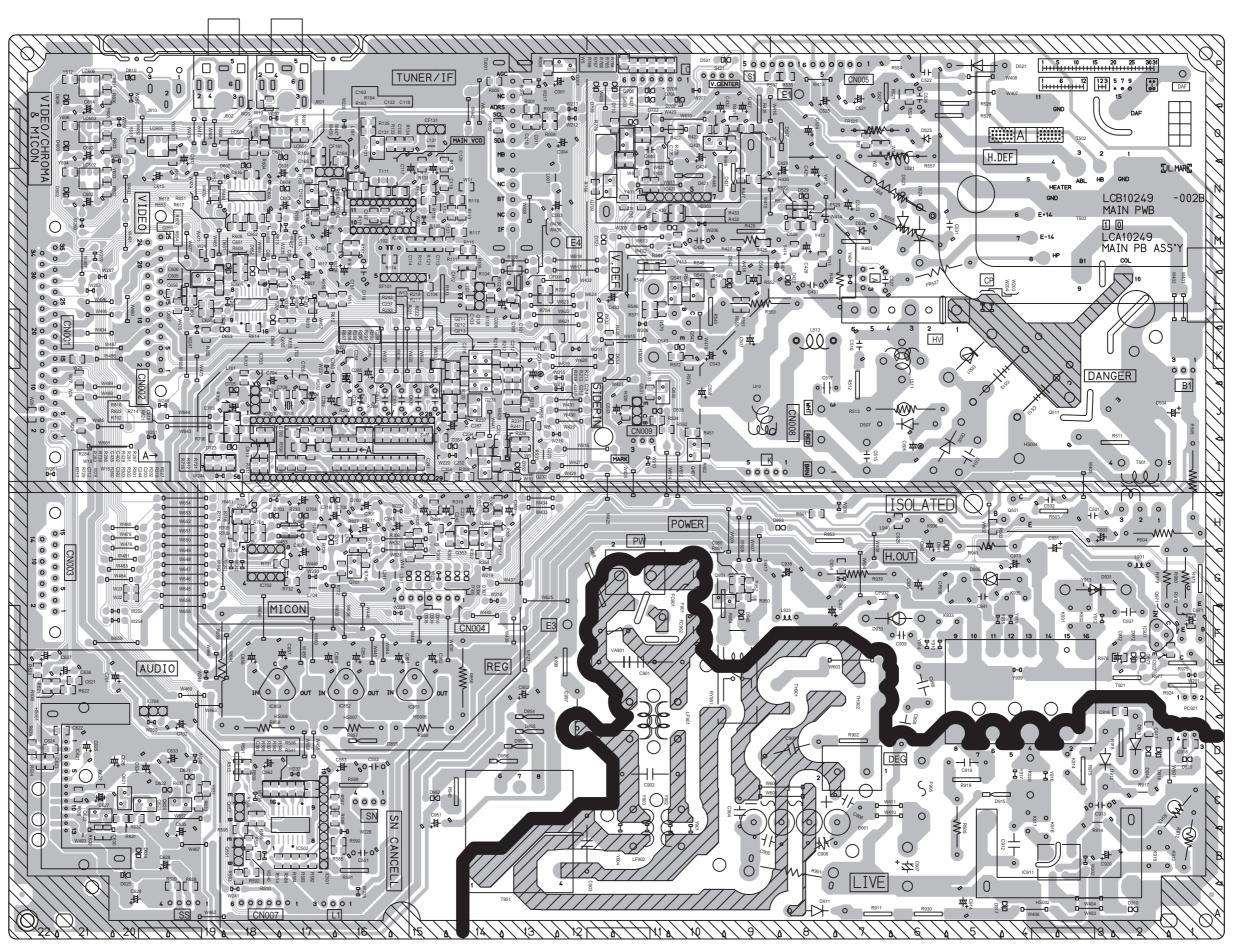




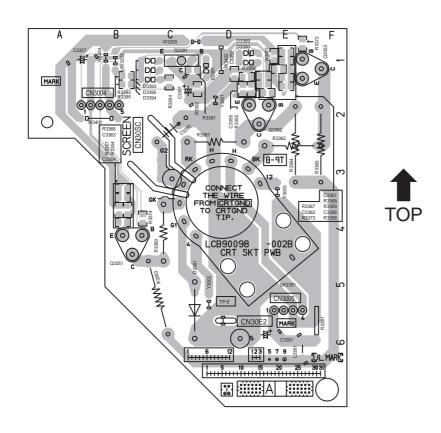


No.52104 2-15 2-16 No.52104

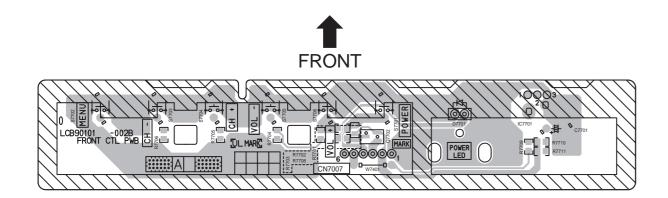
PATTERN DIAGRAMS MAIN PWB PATTERN

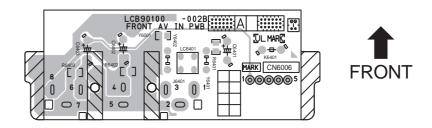


FRONT TERMINAL PWB PATTERN

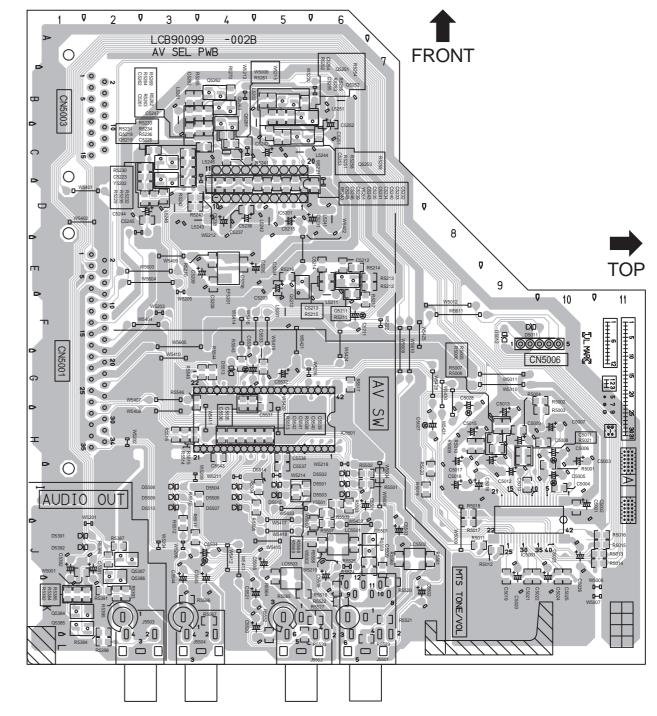


FRONT CONTROL PWB PATTERN





AV SELECTOR PWB PATTERN



CHANNEL CHART (US)

MODE		BAND	CHAI	TUNER		
TV	TV CATV		REAL DISP.		BAND	
	0	VL	0 0 0 0	3 4 5	I	
		VH	0 0 0 1 1 1 1	8 9 0 1 2	П	
			A B	14 15	I	
		MID	C D E F G H	16 17 18 19 20 21 22		
	X O		SUPER	J K L M N O P Q R S T U V W	23 24 25 26 27 28 29 30 31 32 33 34 35 36	П
×				W+1 W+2 W+3 W+4 W+5 W+6 W+7 W+8 W+9 W+10 W+11	37 38 39 40 41 42 43 44 45 46 47	
		HYPER	W+12 W+13 W+14 W+15 W+16 W+17 W+18 W+19 W+20 W+21 W+22 W+23 W+24 W+25 W+26 W+27 W+28	48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64	īV	
		ULTRA	W+29 W+30 W+31 W+32 W+33 W+34	65 66 67 68 69 70		

MO	DE		CHAI	NNEL	TUNER
TV	CATV	BAND	REAL DISP.		BAND
×	0	ULTRA	W+35 W+36 W+37 W+38 W+39 W+40 W+41 W+42 W+43 W+44 W+45 W+46 W+47 W+48 W+49 W+50 W+51 W+52 W+53 W+54 W+55 W+56 W+57 W+58 W+56 W+67 W+68 W+67 W+68 W+69 W+70 W+71 W+72 W+73 W+74 W+75 W+76 W+77 W+78 W+79 W+80 W+81 W+82 W+83 W+84	71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125	IV
		SUB MID	A-8 A-4 A-3 A-2 A-1	01 96 97 98 99	I
\bigcirc	×	UHF		9	IV
		- 1	0CH 124CH 56CH		
P C	O RECEI ROGRAM ABLE COI	VE THE SI MING FROM MPANIES. DAPTERS M	1 CERTAIN		PREMIUM

CHANNEL CHART (CA)

MC	DE		CHAI	TUNER	
TV	CATV	BAND	REAL DISP.		BAND
	0	VL	0 0 0 0	3 4 5	I
O		VH	0 0 0 1 1 1	7 8 9 0 1 2 3	
		MID	A B C D E F G H	14 15 16 17 18 19 20 21 22	П
			J K L M N O	23 24 25 26 27 28	
		SUPER	P Q R S T U V	29 30 31 32 33 34 35 36	
X		HYPER	W+1 W+2 W+3 W+4 W+5 W+6 W+7 W+8 W+9 W+10 W+11 W+12 W+13 W+14 W+15 W+16 W+17 W+18 W+19 W+20 W+21 W+22 W+23 W+24 W+25 W+26 W+27 W+28	37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64	Ш
		ULTRA	W+29 W+30 W+31 W+32 W+33 W+34	65 66 67 68 69 70	IV

	0/111		IVEAL	Dioi .			
\times		ULTRA	W+35 W+36 W+37 W+38 W+39 W+40 W+41 W+42 W+43 W+44 W+45 W+46 W+47 W+48 W+49 W+50 W+51 W+52 W+53 W+54 W+55 W+56 W+57 W+58 W+59 W+60 W+61 W+62 W+63 W+64 W+65 W+66 W+67 W+68 W+69 W+70 W+71 W+72 W+73 W+74 W+75 W+76 W+77 W+78 W+79 W+80 W+81 W+82 W+83 W+84 A-8	71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 01	IV		
		SUB	A-6 A-4 A-3	96 97	I		
		MID	A-2 A-1	98 99	П		
\circ	×	UHF		4 ⟩ 9	IV		
TOTAL 180CH { VHF 124CH { UHF 56CH							
NOTE: TO RECEIVE THE SUBSCRIPTION OR PREMIUM PROGRAMMING FROM CERTAIN CABLE COMPANIES. SPECIAL ADAPTERS MAY BE REQUIRED.							

CHANNEL TUNER REAL DISP. BAND

MODE

TV CATV

BAND

PARTS LIST

CAUTION

- The parts identified by the △ symbol are important for the safety . Whenever replacing these parts, be sure to use specified ones to secure the safety.
- The parts not indicated in this Parts List and those which are filled with lines --- in the Parts No. columns will not be supplied.
- P. W. Board Ass'y will not be supplied, but those which are filled with the Parts No. in the Parts No. columns will be supplied.

ABBREVIATIONS OF RESISTORS, CAPACITORS AND TOLERANCES

	RESISTORS		CAPACITORS
CR	Carbon Resistor	C CAP.	Ceramic Capacitor
FR	Fusible Resistor	E CAP.	Electrolytic Capacitor
PR	Plate Resistor	M CAP.	Mylar Capacitor
VR	Variable Resistor	CH CAP.	Chip Capacitor
HV R	High Voltage Resistor	HV CAP.	High Voltage Capacitor
MF R	Metal Film Resistor	MF CAP.	Metalized Film Capacitor
MG R	Metal Glazed Resistor	MM CAP.	Metalized Mylar Capacitor
MP R	Metal Plate Resistor	MP CAP.	Metalized Polystyrol Capacitor
OM R	Metal Oxide Film Resistor	PP CAP.	Polypropylene Capacitor
CMF R	Coating Metal Film Resistor	PS CAP.	Polystyrol Capacitor
UNF R	Non-Flammable Resistor	TF CAP.	Thin Film Capacitor
CH V R	Chip Variable Resistor	MPP CAP.	Metalized Polypropylene Capacitor
CH MG R	Chip Metal Glazed Resistor	TAN. CAP.	Tantalum Capacitor
COMP. R	Composition Resistor	CH C CAP.	Chip Ceramic Capacitor
LPTC R	Linear Positive Temperature Coefficient Resistor	BP E CAP.	Bi-Polar Electrolytic Capacitor
		CH AL E CAP.	Chip Aluminum Electrolytic Capacitor
		CH AL BP CAP.	Chip Aluminum Bi-Polar Capacitor
		CH TAN. E CAP.	Chip Tantalum Electrolytic Capacitor
		CH AL BP E CAP.	Chip Tantalum Bi-Polar Electrolytic Capacitor

	RESISTORS									
F	G	J	К	М	N	R	Н	Z	Р	
±1%	±2%	±5%	±10%	±20%	±30%	+30% -10%	+50% -10%	+80% -20%	+100% -0%	

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FRONT CONTROL PW BOARD ASS'Y (SGE-7061A-M2)	
FAV. 20.400/DA1	
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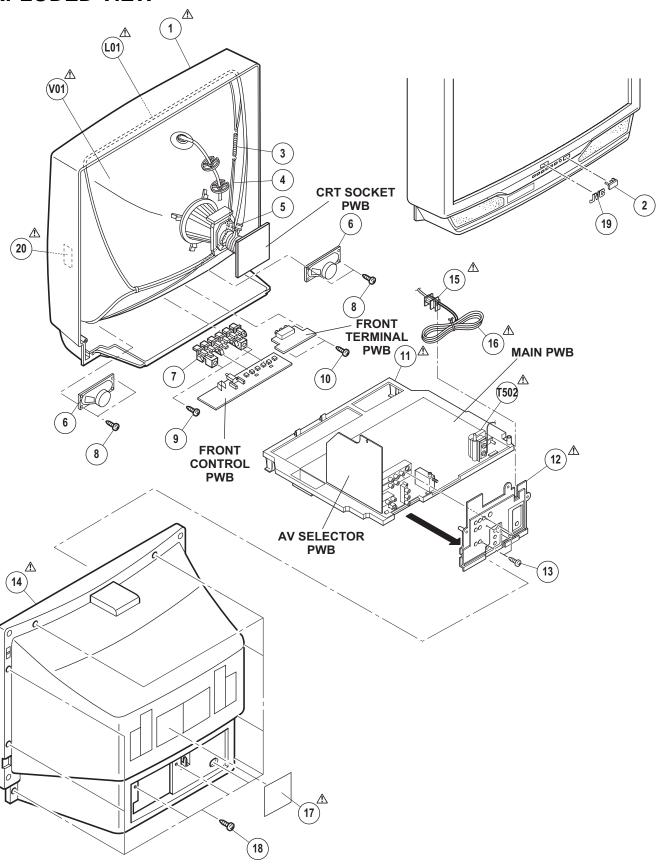
USING P.W. BOARD & REMOTE CONTROL UNIT

P.W.B ASS'Y	AV-32430/MA	AV-32430/RA	AV-32430/YA	AV-32432/MA	AV-32432/RA	AV-32432/YA
MAIN P.W.B	SGE-1064A-M2	SGE-1066A-M2	SGE-1065A-M2	SGE-1061A-M2	SGE-1063A-M2	SGE-1062A-M2
CRT SOCKET P.W.B	SGE-3061A-M2	←	SGE-3062A-M2	SGE-3061A-M2	←	SGE-3062A-M2
AV SELECTER P.W.B	SGE-5062A-M2	←	←	SGE-5061A-M2	←	←
FRONT TERMINAL P.W.B	SGE-6061A-M2	←	←	←	←	←
FRONT CONTROL P.W.B	SGE-7061A-M2	←	←	←	←	←
REMOTE CONTROL UNIT	RM-C203-1C	←	←	RM-C1255G-1H	←	←

EXPLODED VIEW PARTS LIST

⚠	Ref.No.	Part No.	Part Name	Description	Local
Λ	V01	M80JUA061X06	ITC	Inc DEF YOKE. PC MAGNET	AV-32430MA,AV-32432MA
⚠	V01	A80AEJ15X01	ITC	Inc DEF YOKE. PC MAGNET	AV-32430RA,AV-32432RA
⚠	V01	A80AKB50X04	ITC	Inc DEF YOKE. PC MAGNET	AV-32430YA,AV-32432YA
⚠	L01	CELD066-002JA	DEG COIL		
⚠	T502	QQH0121-001	FB TRANSF		
⚠	1	CM12914-010-MA	FRONT CABINET		AV-32430MA,AV-32430RA,AV-32430YA
⚠	1	CM12914-012-MA	FRONT CABINET		AV-32432MA,AV-32432RA,AV-32432YA
	2	CM35983-001-H	REMOCON WINDOW		
	3	A48457-4-S	SPRING		
	4	WJY0016-002A	E-BRAIDED ASSY		
	5	WJY0013-004A	BRAIDED ASSY		
	6	CEBSS12D-04KJ2	SPEAKER	(x2)	AV-32430MA
	6	CEBSS12D-04KJ2	SPEAKER		AV-32430RA,AV-32430YA,AV-32432MA,AV-32432RA,AV-32432YA
	7	LC20674-001A-A	PUSH KNOB		AV-32430MA,AV-32430RA,AV-32430YA
	7	LC20674-004A-A	PUSH KNOB		AV-32432MA,AV-32432RA,AV-32432YA
	8	QYSBSB4012Z	TAP SCREW	4mm x 12mm(x4)	
	9	QYSBSBG4012Z	TAP SCREW	4.0mm x 12mm(x2)	
	10	QYSBSBG3010Z	TAP SCREW	M3 x 10mm(x2)	
⚠	11	LC11056-001A-A	CHASSIS BASE		
⚠	12	LC20899-008A-A	TERMINAL BOARD		AV-32430MA,AV-32430RA,AV-32430YA
⚠	12	LC20899-006A-A	TERMINAL BOARD		AV-32432MA,AV-32432RA,AV-32432YA
	13	QYSBSB3010Z	TAP SCREW	3.0mm x 10mm(x3)	
⚠	14	CM12915-003-MA	REAR COVER		
⚠	15	LC20106-001D-A	POWER CORD CLAM		
⚠	16	QMPD390-200-JS	POWER CORD(US/CA) 2m BLACK	
⚠	17	LC31139-001A-A	RATING LABEL		
	18	QYSBSFG4016Z	TAP SCREW	4mm x 16mm(x11)	
	19	CM48006-006-C	JVC MARK		AV-32430MA,AV-32430RA,AV-32430YA
	19	CM48006-007-C	JVC MARK		AV-32432MA,AV-32432RA,AV-32432YA
⚠	20	GQ30034-001B-A	WARNING LABEL		

EXPLODED VIEW



PRINTED WIRING BOARD PARTS LIST

	AV-32430/MA] MAIN PW BOARD ASS'Y (SGE-1064A-M2)			Ref No.	Part No.	Part Name	Description Local
Ref No.	Part No.	Part Name	Description Local	D931 D933 D935 D941	RU30A-F1 RU3YX-LFC4 RU3YX-LFC4 MTZJ33A-T2	SI DIODE SI DIODE SI DIODE Z DIODE	
IC101 IC201 IC421 IC621 IC702 IC703 IC704 IC852 IC853 △IC911 △IC921	M52342SP TM8812CPDNG4N35 LA7841 LA4485 AT24C04W-32430 S-80840CNY-T AN7805F AN7809F AT805F STR-G6624/F8 SE135N	IC IC(MCU) IC IC IC IC IC IC IC IC	(SERVICE)	D945 D952 D953 D954 D955 D956 D957 D972 D973	MTZJ9.1B-T2 1SS133-T2 1SS133-T2 1N4002G-T2 1N4002G-T2 1N4002G-T2 1N4002G-T2 MTZJ15C-T2 1SS133-T2 TLP421F/D4-GR/	Z DIODE DIODE DIODE SI DIODE SI DIODE SI DIODE SI DIODE Z DIODE DIODE PHOTO COUPLER	
Q001 Q101 Q131 Q161 Q211 Q232 Q233 Q352 Q431 Q501 \$\Delta\gamma\$11 Q531 Q532 Q541	UN2212-X 2SC5083/L-P/-T 2SB709A/QR/-X 2SD6014/QR/-X 2SD601A/QR/-X 2SD601A/QR/-X 2SD601A/QR/-X 2SD601A/QR/-X UN2212-X 2SC4212/Z1/ 2SD2645-YD- 2SC2785/JH/-T 2SB709A/QR/-X 2SB709A/QR/-X	DIGI TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR DIGI TRANSISTOR	н оит	C001 C003 C004 C006 C101 C102 C104 C105 C106 C107 C113 C114 C116 C117	QETN1HM-475Z QETN1HM-106Z QETN1CM-108Z QETN1EM-476Z NCB31HK-103X NCB31HK-103X NCB31HK-103X QETN1EM-476Z NCB31HK-103X NCB31HK-103X NCB31HK-103X NCB31HK-103X QETN1EM-476Z QETN1EM-476Z	E CAPACITOR E CAPACITOR E CAPACITOR C CAPACITOR MF CAPACITOR E CAPACITOR	4.7uF 50V M 10uF 50V M 1000uF 16V M 47uF 25V M 0.01uF 50V K 0.01uF 50V K 0.22uF 50V J 47uF 25V M
Q542 Q543 Q622 Q623 Q701 Q951 Q971	2SB709A/QR/-X 2SD1408/OY/-LB 2SD601A/QR/-X UN2212-X 2SB709A/QR/-X 2SD1383K/AB/-X 2SA1208/ST/Z1-T	TRANSISTOR POW TRANSISTOR TRANSISTOR DIGI TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR		C118 C119 C120 C124 C131 C161 C163	NCB31HK-103X NDC31HJ-681X QETN1HM-474Z NCB31HK-103X NCB31HK-103X QETN1HM-106Z NDC31HJ-470X	C CAPACITOR C CAPACITOR E CAPACITOR C CAPACITOR C CAPACITOR E CAPACITOR C CAPACITOR C CAPACITOR	0.01uF 50V K 680pF 50V J 0.47uF 50V M 0.01uF 50V K 0.01uF 50V K 10uF 50V M 47pF 50V J
D305 D306 D307 D308 D309 D310 D352 D353 D354 D421 D422 D432 D501 D502 D521 D523 D525 D526 D527 D529 ♣D531 D535 D537 D601 D602 D603 D700 D701 D703 D704 D705 D706 D707 D708 D709 D723 ♣D911 D912 D911 D912 D911 D912 D913 D914 D915 D917 D918 D920	1SS133-T2 1SS133-T2 1SS133-T2 1SS133-T2 1SS133-T2 1SS133-T2 1SS133-T2 MTZJ9.1C-T2 1SS133-T2 MTZJ9.1C-T2 1SS133-T2 MTZJ75-T2 1SS133-T2 RH3G-F1 RU3AM-LFC4 RH1S-T3 RGP10J-5025-T3 1SS81-T5 1SS81-T5 1SS81-T5 1SR124-400A-T2 MTZJ5.1C-T2 MA4068N/ZI/-T2 1SS133-T2 MTZJ9.1C-T2 MTZJ9.1C-T2 MTZJ9.1C-T2 MTZJ9.1C-T2 MTZJ9.1C-T2 MTZJ9.1C-T2 MTZJ9.1C-T2 MTZJ9.1C-T2 MTZJ5.6B-T2	DIODE DIODE DIODE DIODE DIODE DIODE DIODE DIODE Z DIODE Z DIODE SI DIODE Z DIODE SI DIODE		C164 C165 C166 C202 C203 C211 C212 C221 C222 C223 C233 C237 C241 C242 C243 C244 C281 C282 C288 C284 C285 C286 C287 C288 C352 C354 C391 C392 C422 C424 C425 C424 C425 C427 C428 C431 C432 C433 C435 C440 C501 C502 C503 C504 C507 C508 AC510 AC513 C514	NDC31HJ-470X NCB31HK-103X NCB31HK-103X QETN1HM-105Z NCB31HK-152X QENC1CM-106Z NDC31HJ-100X QETN1HM-106Z QFVF1HJ-104Z NCB31HK-103X NDC31HJ-680X NCB31HK-103X NCB31HK-103X QETN1HM-225Z QETN1CM-107Z NCB31HK-103X QFVF1HJ-474Z QETN1CM-107Z NCB31HK-103X QFVF1HJ-474Z QETN1CM-107Z NCB31HK-103X QFVF1HJ-474Z QETN1CM-107Z NCB31HK-103X QETN1HM-106Z QETN1HM-25Z NCB31HK-103X QETN1CM-36Z NCB31HK-103X QETN1CM-107Z QETN1CM-477Z QETN1CM-477Z QETN1CM-477Z QETN1CM-476Z NCB21HK-151Z QCB32HK-331Z QEHR2CM-105Z QCB32HK-331Z QEHR2CM-105Z QEM61HK-475Z QEM61HR-475Z	C CAPACITOR C CAPACITOR C CAPACITOR C CAPACITOR E CAPACITOR BP E CAPACITOR E CAPACITOR E CAPACITOR C CAPACITOR MF CAPACITOR C CAPACITOR E CAPACITOR C CAPACITOR E CAPACITOR E CAPACITOR C CAPACITOR E CAPACITOR E CAPACITOR C CAPACITOR E CAPACITOR E CAPACITOR E CAPACITOR E CAPACITOR E CAPACITOR E CAPACITOR C CAPACITOR E CAPACITOR C CAPACITOR E CAPACITOR C CAPACITOR E CAPACITOR C CAPACITOR E CAPACITOR C CAPACITOR C CAPACITOR E CAPACITOR E CAPACITOR E CAPACITOR C CAPACITOR E CAPACITOR	47pF 50V J 0.01uF 50V K 0.01uF 50V K 1uF 50V M 1500pF 50V K 10uF 16V M 10pF 50V J 10uF 50V J 0.01uF 50V J 0.01uF 50V J 0.01uF 50V K 68pF 50V J 0.01uF 50V K 0.01uF 50V K 0.01uF 50V K 0.01uF 50V K 0.01uF 50V M 0.01uF 50V M 0.01uF 50V K 0.47uF 50V J 100uF 16V M 0.01uF 50V K 2.2uF 50V M 0.01uF 50V K 10uF 50V M 0.01uF 50V K 33uF 16V M 0.01uF 50V K 100uF 16V M 100uF 16V M 0.01seuF 100V K 47uF 25V M 47uF 25V M 47uF 25V M 0.01suF 50V K 22pF 500V J 150pF 500V K 330pF 500V K 1uF 160V M 100uF 160V M 100uF 160V M 100uF 160V M 100uF 150V K 5300pF 1.5kV H 0.013uF 1.5kV

ΔRef No.	Part No.	Part Name	Description Local	ΔRef No.	Part No.	Part Name	Description Local
C515	QFZ0199-564	MPP CAPACITOR	0.56uF 250V	R102	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J
C516	QCB32HK-561Z	C CAPACITOR	560pF 500V K	R103	QRE121J-101Y	C RESISTOR	100Ω 1/2W J
C521	QETN2EM-106Z	E CAPACITOR	10uF 250V M	R104	NRSA63J-180X	MG RESISTOR	18Ω 1/16W J
C523	QEHR1VM-108Z	E CAPACITOR	1000uF 35V M	R105	NRSA63J-270X	MG RESISTOR	27Ω 1/16W J
C525	QETN1VM-107Z	E CAPACITOR	100uF 35V M	R111	NRSA63J-394X	MG RESISTOR	390kΩ 1/16W J
C526	QFV21HJ-824Z	MF CAPACITOR	0.82uF 50V J	R112	NRSA63J-334X	MG RESISTOR	330kΩ 1/16W J
C527 C531 C533	QFLC2AJ-103Z QCB32HK-102Z	M CAPACITOR C CAPACITOR	0.01uF 100V J 1000pF 500V K	R113 R115	NRSA63J-101X NRSA63J-101X	MG RESISTOR MG RESISTOR	100Ω 1/16W J 100Ω 1/16W J
C601 C602	QETN1HM-106Z QETN1EM-476Z QETN1EM-476Z	E CAPACITOR E CAPACITOR E CAPACITOR	10uF 50V M 47uF 25V M 47uF 25V M	R116 R117 R118	NRSA63J-680X NRSA63J-273X NRSA63J-223X	MG RESISTOR MG RESISTOR MG RESISTOR	68Ω 1/16W J 27kΩ 1/16W J 22kΩ 1/16W J
C603	QETN1EM-476Z	E CAPACITOR	47uF 25V M	R131	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
C609	QFVF1HJ-104Z	MF CAPACITOR	0.1uF 50V J	R132	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J
C610	QFVF1HJ-104Z	MF CAPACITOR	0.1uF 50V J	R133	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J
C611	QFVF1HJ-104Z	MF CAPACITOR	0.1uF 50V J	R134	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J
C612	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R135	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
C613	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R161	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
C614	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R162	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C621	NCB31HK-102X	C CAPACITOR	1000pF 50V K	R163	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J
C622	NCF21CZ-105X	C CAPACITOR	1uF 16V Z	R164	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
C623	NCB31HK-102X	C CAPACITOR	1000pF 50V K	R165	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J
C624	NCF21CZ-105X	C CAPACITOR	1uF 16V Z	R166	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
C625	QETN1CM-107Z	E CAPACITOR	100uF 16V M	R167	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
C626	QETN1EM-108Z	E CAPACITOR	1000uF 25V M	R168	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C627	QETN1HM-474Z	E CAPACITOR	0.47uF 50V M	R169	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J
C628	QETN1EM-108Z	E CAPACITOR	1000uF 25V M	R171	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
C629	QETN1EM-108Z	E CAPACITOR	1000uF 25V M	R201	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J
C636 C637 C700	QETN1HM-105Z QETN1HM-105Z	E CAPACITOR E CAPACITOR	1uF 50V M 1uF 50V M	R212 R215	NRSA63J-272X NRSA63J-562X	MG RESISTOR MG RESISTOR	2.7kΩ 1/16W J 5.6kΩ 1/16W J
C701 C702	NCB31HK-102X QETN1HM-106Z QETN1HM-106Z	C CAPACITOR E CAPACITOR E CAPACITOR	1000pF 50V K 10uF 50V M 10uF 50V M	R216 R217 R222	NRSA63J-562X NRSA63J-102X NRSA63J-0R0X	MG RESISTOR MG RESISTOR MG RESISTOR	5.6kΩ 1/16W J 1kΩ 1/16W J 0Ω 1/16W J
C703	QETN1HM-106Z	E CAPACITOR	10uF 50V M	R227	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J
C704	QETN1CM-107Z	E CAPACITOR	100uF 16V M	R231	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J
C705	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R237	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J
C706	QETN1HM-105Z	E CAPACITOR	1uF 50V M	R238	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J
C708	NDC31HJ-220X	C CAPACITOR	22pF 50V J	R241	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
C709	NDC31HJ-220X	C CAPACITOR	22pF 50V J	R243	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J
C711	QETN1CM-107Z	E CAPACITOR	100uF 16V M	R281	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J
C712	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R282	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J
C716	QETN1HM-106Z	E CAPACITOR	10uF 50V M	R283	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J
C728	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R286	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
C807	QETN1AM-477Z	E CAPACITOR	470uF 10V M	R287	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C815	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R288	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J
C853	QETN1CM-227Z	E CAPACITOR	220uF 16V M	R289	NRSA63J-154X	MG RESISTOR	150kΩ 1/16W J
C854	QETN1CM-227Z	E CAPACITOR	220uF 16V M	R290	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J
C856	QETN1CM-227Z	E CAPACITOR	220uF 16V M	R292	NRSA63J-124X	MG RESISTOR	120kΩ 1/16W J
C857	QETN1CM-477Z	E CAPACITOR	470uF 16V M	R293	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J
⚠C901	QFZ9072-104	MM CAPACITOR	0.1uF AC250V K	R301	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
⚠C902	QFZ9072-473	MM CAPACITOR	0.047uF AC250V K	R302	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
⚠C904	QCZ9054-102	C CAPACITOR	1000pF AC250V Z	R303	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
∆C905	QCZ9054-102	C CAPACITOR	1000pF AC250V Z	R304	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
∆C906	QCZ9054-102	C CAPACITOR	1000pF AC250V Z	R305	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C907	QEZ0169-477	E CAPACITOR	470uF 200V M	R306	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
▲C908	QCZ9054-102	C CAPACITOR	1000pF AC250V Z	R354	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C912	QCZ0340-222	C CAPACITOR	2200pF 2kV K	R355	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C913	QFLC1HJ-471Z	M CAPACITOR	470pF 50V J	R356	NRSA63J-123X	MG RESISTOR	12kΩ 1/16W J
C914	QETN1HM-107Z	E CAPACITOR	100uF 50V M	R359	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
C916	NDC31HJ-331X	C CAPACITOR	330pF 50V J	R360	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C917	NCB31HK-182X	C CAPACITOR	1800pF 50V K	R421	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J
C918	NCB21HK-104X	C CAPACITOR	0.1uF 50V K	R423	NRSA63J-393X	MG RESISTOR	39kΩ 1/16W J
C919	QFP32GJ-103	PP CAPACITOR	0.01uF 400V J	R424	NRSA63J-393X	MG RESISTOR	39kΩ 1/16W J
C931	QEZ0203-107	E CAPACITOR	100uF 160V M	R426	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J
C933	QETN1CM-108Z	E CAPACITOR	1000uF 16V M	R427	QRT029J-1R5	MF RESISTOR	1.5Ω 2W J
C934 C935	NDC31HJ-151X QETN1EM-108Z QCZ0340-102	C CAPACITOR E CAPACITOR C CAPACITOR	150pF 50V J 1000uF 25V M 1000pF 2kV K	R429 R430 R431	NRSA63J-272X NRSA63J-0R0X NRSA63J-152X	MG RESISTOR MG RESISTOR MG RESISTOR	2.7kΩ 1/16W J 0Ω 1/16W J 1.5kΩ 1/16W J
C937 C938 C939	QETN1CM-477Z QCB32HK-152Z	E CAPACITOR C CAPACITOR	470uF 16V M 1500pF 500V K	R432 R433	NRSA63J-101X NRSA63J-681X	MG RESISTOR MG RESISTOR	100Ω 1/16W J 680Ω 1/16W J
C941	QCB32HK-102Z	C CAPACITOR	1000pF 500V K	R434	QRL029J-221	OMF RESISTOR	220Ω 2W J
C942	QEHR1HM-105Z	E CAPACITOR	1uF 50V M	R435	QRE121J-102Y	C RESISTOR	1kΩ 1/2W J
C951	QETN1EM-477Z	E CAPACITOR	470uF 25V M	R441	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C952	QETN1CM-227Z	E CAPACITOR	220uF 16V M	R447	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J
C971	QETN1CM-107Z	E CAPACITOR	100uF 16V M	R448	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J
C972	QETN1EM-476Z	E CAPACITOR	47uF 25V M	R449	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
C973	QETN1HM-106Z	E CAPACITOR	10uF 50V M	R501	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
∆C997	QCZ9052-102	C CAPACITOR	1000pF AC125V M	R502	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J
∆ C998 ∆ C999	QCZ9074-103 QCZ9074-103	C CAPACITOR C CAPACITOR	0.01uF 250V 0.01uF 250V	R503 R504 R505	QRE121J-103Y QRL039J-102 QRL039J-102	C RESISTOR OMF RESISTOR OMF RESISTOR	10kΩ 1/2W J 1kΩ 3W J 1kΩ 3W J
R002	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R511	QRE121J-220Y	C RESISTOR	22Ω 1/2W J
R003	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R512	QRE121J-681Y	C RESISTOR	680Ω 1/2W J
R004	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R523	QRJ146J-333X	UNF C RESISTOR	33kΩ 1/4W J
R005	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R526	QRE121J-272Y	C RESISTOR	2.7kΩ 1/2W J
R008	NRSA63J-820X	MG RESISTOR	82Ω 1/16W J	R527	QRE121J-154Y	C RESISTOR	150kΩ 1/2W J
R009	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	R528	QRE121J-154Y	C RESISTOR	150kΩ 1/2W J
R101	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	R529	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J

ΔRef No.	Part No.	Part Name	Description Local	Ref No.	Part No.	Part Name	Description Local
R531 R532 R533 R534 \$\times\$R535 \$\times\$R537 R538 R543 R544 R545 R546	QRJ146J-391X NRSA63J-273X NRSA63J-123X NRSA63J-123X NRVA02D-222X NRVA02D-752X NRSA63J-333X QRE121J-122Y QRE121J-392Y QRE121J-153Y NRSA63J-331X	UNF C RESISTOR MG RESISTOR MG RESISTOR MG RESISTOR CMF RESISTOR CMF RESISTOR C RESISTOR C RESISTOR C RESISTOR C RESISTOR C RESISTOR C RESISTOR MG RESISTOR MG RESISTOR	390Ω 1/4W J 27kΩ 1/16W J 12kΩ 1/16W J 12kΩ 1/16W J 2.2kΩ 1/16W D 7.5kΩ 1/10W D 33kΩ 1/16W J 1.2kΩ 1/2W J 3.9kΩ 1/2W J 15kΩ 1/2W J 330Ω 1/16W J	R952 R953 R973 R975 R977 R978 R979 R980	NRSA63J-102X QRE121J-820Y QRE121J-272Y QRE121J-223Y QRE121J-473Y NRSA63J-333X QRT029J-1R2 QRT029J-1R2 QRT029J-1R2 QRZ9041-275 QRE121J-121Y	MG RESISTOR C RESISTOR C RESISTOR C RESISTOR C RESISTOR MG RESISTOR MF RESISTOR MF RESISTOR MF RESISTOR C RESISTOR C RESISTOR	1kΩ 1/16W J 82Ω 1/2W J 2.7kΩ 1/2W J 22kΩ 1/2W J 47kΩ 1/2W J 33kΩ 1/16W J 1.2Ω 2W J 1.2Ω 2W J 2.7MΩ 1/2W K 120Ω 1/2W J
R547 R548 R553 ⚠R554 R555 R601 R602 R603 R610 R611 R612 R613 R621 R622 R623 R624 R626 R627 R631 R632 R638 R639 R651	NRSA63J-104X QRE121J-152Y QRL039J-100 QRK126J-150X QRX029J-3R3 NRSA63J-750X NRSA63J-750X NRSA63J-750X NRSA63J-0R0X NRSA63J-0R0X NRSA63J-0R0X NRSA63J-080X NRSA63J-682X NRSA63J-681X NRSA63J-681X NRSA63J-681X NRSA63J-223X NRSA63J-223X NRSA63J-223X NRSA63J-223X NRSA63J-223X NRSA63J-223X NRSA63J-223X NRSA63J-20R0X NRSA63J-0R0X NRSA63J-0R0X NRSA63J-0R0X NRSA63J-0R0X	MG RESISTOR C RESISTOR C RESISTOR UNF C RESISTOR MF RESISTOR MF RESISTOR MG RESISTOR	100kΩ 1/16W J 1.5kΩ 1/2W J 10Ω 3W J 15Ω 1/2W J 3.3Ω 2W J 75Ω 1/16W J 75Ω 1/16W J 0Ω 1/16W J 0Ω 1/16W J 0Ω 1/16W J 0Ω 1/16W J 6.8kΩ 1/16W J 6.8kΩ 1/16W J 6.8kΩ 1/16W J 6.8kΩ 1/16W J 22kΩ 1/16W J 0Ω 1/16W J 0Ω 1/16W J 0Ω 1/16W J	L001 L101 L113 L131 L161 L232 L241 L391 L511 L512 L521 L701 L702 L704 L705 L931 L933 L940 T111 T501 AT502 AT921 AT951	QQL244K-560Z QQLZ014-R22 QQL244K-4R7Z QQL244K-150Z QQL244K-220Z QQL244K-220Z QQL244K-220Z QQL244K-220Z QQR1027-003 QQLZ036-821 QQLZ036-640 QQL244K-220Z QQL244K-220Z QQL244K-220Z QQL244K-220Z QQL244K-270Z QQL244K-20Z QQL26AK-470Z QQL26AK-470Z QQR0907-001 CE42034-002 QQH0121-001 QQS0138-001 QQR09138-001	COIL COIL COIL COIL COIL COIL COIL COIL	56uh K 0.22uh 100ma L 4.7uh K 15uh K 22uh K 22uh K 22uh K 22uh K 820uh K 64uh ±7% 22uh K 22uh K 22uh K 22uh K 22uh K 22uh K 47uh K
R652 R653 R700 R701 R702 R704 R705 R706 R707 R708 R709 R715 R718 R721 R728 R729 R731 R732 R733 R734 R739 R740 R766 R767 R766 R767 R769 R772 R811 R816 R821 R822 R827 R855 R8557 R8558 R901 R909 R911 R912	NRSA63J-0R0X NRSA63J-0R0X NRSA63J-102X NRSA63J-102X NRSA63J-102X NRSA63J-102X NRSA63J-472X NRSA63J-472X NRSA63J-472X NRSA63J-101X NRSA63J-101X NRSA63J-101X NRSA63J-101X NRSA63J-102X NRSA63J-102X NRSA63J-102X NRSA63J-102X NRSA63J-101X NRSA63J-101X NRSA63J-101X NRSA63J-101X NRSA63J-101X NRSA63J-102X NRSA63J-101X NRSA63J-101X NRSA63J-101X NRSA63J-101X NRSA63J-221X NRSA63J-221X NRSA63J-221X NRSA63J-221X NRSA63J-221X NRSA63J-221X NRSA63J-221X NRSA63J-221X NRSA63J-221X NRSA63J-103X NRSA63J-104X NRSA6	MG RESISTOR OMF RESISTOR	0Ω 1/16W J 0Ω 1/16W J 1kΩ 1/16W J 1kΩ 1/16W J 1kΩ 1/16W J 1kΩ 1/16W J 4.7kΩ 1/16W J 4.7kΩ 1/16W J 4.7kΩ 1/16W J 100Ω 1/16W J 100Ω 1/16W J 100Ω 1/16W J 10kΩ 1/16W J 10Ω 1/16W J 10Ω 1/16W J 10Ω 1/16W J 10ΩΩ 1/16W J 10ΩΩ 1/16W J 10ΩΩ 1/16W J 100Ω 1/16W J 10KΩ 1/16W J	CF001 CF131 CF161 CN001 CN004 CN005 CN007 CN00C CN0B1 CN081 CN081 CN083 ACP936 AF901 AF905 FC901 FC902 AFR525 AFR527 HS001 HS003 HS004 HS005 HS007 J601 K401 K912 K916 K917 K918 K931 K932 K933 K935 LC601 LC602	QAX0349-001 QAX0639-001Z QAX0642-001Z QGB1505J1-35 QGA2501C5-05Z QGA2501C5-06Z QGA2501C5-06Z QGA2501C5-06Z QGA2501C5-03Z CE41507-001P QGZ5004C1-06 QGA2501C5-03Z QGA2501C5-03Z QGA2501C5-03Z QGA2501C5-04Z ICP-N70-T ICP-N70-T ICP-N70-T QMF0007-5R0J1 QMF2049-5R0Z-E CEMG002-001Z QRZ9017-4R7 QRZ9011-470 CEHE011-001WU LC31678-001A LC31678-001A LC31678-001A CEHE015-001WU CM42862-00G-H CEHT11B-002QS QNN0349-002 QQR0582-001Z QQR1199-001	C TRAP C TRAP C TRAP C FILTER CONNECTOR CONNECTOR CONNECTOR CONNECTOR CONNECTOR LV CONNECTOR LV CONNECTOR CONNECTOR CONNECTOR CONNECTOR CONNECTOR CONNECTOR CONNECTOR CONNECTOR CONNECTOR FUSE FUSE FUSE FUSE FUSE FUSE FUSE FUSE	47.25MHz 4.500MHz 4.500MHz B-B (1-35) W-B (1-5) W-B (1-6) W-B (1-6) W-B (1-6) W-B (1-3) (1-6) W-B (1-3) W-B (1-4) 2.5A 2.5A 5A 125V 4.7Ω 1/4W J 47Ω 1/2W J
R913 AR914 AR915 AR917 R918 R919 R924 R930 R939 R940 R941 R950 R951	QRT029J-R22 QRK126J-681X QRK129J-6R8 QRK126J-332X QRE121J-222Y QRE121J-222Y QRE121J-222Y QRE121J-223Y QRT039J-2R2 QRE121J-181Y QRL029J-183 NRSA63J-0R0X NRSA63J-473X	MF RESISTOR UNF C RESISTOR UNF C RESISTOR UNF C RESISTOR MF RESISTOR OMF RESISTOR MG RESISTOR MG RESISTOR	$\begin{array}{c} 0.22\Omega \ 2W \ J \\ 680\Omega \ 1/2W \ J \\ 6.8\Omega \ 1/2W \ J \\ 3.3k\Omega \ 1/2W \ J \\ 2.2k\Omega \ 1/2W \ J \\ 0.2k\Omega \ 1/2W \ J \\ 180\Omega \ 1/2W \ J \\ 18k\Omega \ 2W \ J \\ 0.2k\Omega \ 1/16W \ J \\ 47k\Omega \ 1/16W \ J \\ \end{array}$	LC603	QQR1199-001 QQR1085-003 QSK0086-001 QSL4A13-C02 QAX0723-001 QAD0132-3R0 QAU0305-001 ERZV10V621CS NRSA63J-0R0X NRSA63J-0R0X NRSA63J-0R0X NRSA63J-0R0X NRSA63J-0R0X NRSA63J-0R0X	EMI FILTER LINE FILTER RELAY LEVER SWITCH SAW FILTER P THERMISTOR TUNER ZNR MG RESISTOR	V CENTER 3Ω 0Ω 1/16W J

ΔRef No.	Part No.	Part Name	Description Local	∆Ref No.	Part No.	Part Name	Description Local
W6 W7 W8 W9	NRSA63J-0R0X NRSA63J-0R0X NRSA63J-0R0X NRSA63J-0R0X	MG RESISTOR MG RESISTOR MG RESISTOR MG RESISTOR	0Ω 1/16W J 0Ω 1/16W J 0Ω 1/16W J 0Ω 1/16W J	△SK3351 W3001	QNZ0537-001 NRSA02J-0R0X	CRT SOCKET MG RESISTOR	0Ω 1/10W J
W10 W11	NRSA63J-0R0X NRSA63J-0R0X	MG RESISTOR MG RESISTOR	0Ω 1/16W J 0Ω 1/16W J	AV SEI	ECTER DW B	BOARD ASS'Y (S	GE-5062A-M2\
W12 W13	NRSA63J-0R0X NRSA63J-0R0X	MG RESISTOR MG RESISTOR	0Ω 1/16W J 0Ω 1/16W J	ÆRef No.	Part No.	Part Name	Description Local
W14 W15	NRSA63J-0R0X NRSA63J-0R0X	MG RESISTOR MG RESISTOR	0Ω 1/16W J 0Ω 1/16W J		r dit ivo.	Tarrivamo	Description Local
W16 W17 W18 W19	NRSA63J-0R0X NRSA63J-0R0X NRSA63J-0R0X NRSA63J-0R0X	MG RESISTOR MG RESISTOR MG RESISTOR MG RESISTOR	0Ω 1/16W J 0Ω 1/16W J 0Ω 1/16W J 0Ω 1/16W J 0Ω 1/16W J	IC5001 IC5201 IC5501	CXA2134Q-X TC90A49P TA1218AN	IC IC IC	
W20 W21 W22 W23 W24 W25 W26 W27 W28 X701 Y402 Y405 Y411 Y414 Y701	NRSA63J-0R0X NRSA63J-0R0X NRSA63J-0R0X NRSA63J-0R0X NRSA63J-0R0X NRSA63J-0R0X NRSA63J-0R0X NRSA63J-0R0X NRSA63J-0R0X QAX0717-001Z NRSA63J-0R0X NRSA63J-0R0X NRSA63J-0R0X NRSA63J-0R0X NRSA63J-0R0X NRSA63J-0R0X QRE141J-0R0Y	MG RESISTOR CRYSTAL MG RESISTOR C RESISTOR	0Ω 1/16W J 0Ω 1/16W J 8.000MHz 0Ω 1/16W J 0Ω 1/16W J	Q5001 Q5002 Q5211 Q5212 Q5251 Q5252 Q5253 Q5261 Q5262 Q5263 Q5384 Q5385 Q5386 Q5387 Q5501	2SB709A/QR/-X 2SB709A/QR/-X 2SD601A/QR/-X 2SD601A/QR/-X 2SD601A/QR/-X 2SB709A/QR/-X 2SB709A/QR/-X 2SB709A/QR/-X 2SB709A/QR/-X 2SB709A/QR/-X DTC323TK-X DTC323TK-X DTC323TK-X DTC323TK-X DTC323TK-X 2SB709A/QR/-X	TRANSISTOR DIGI TRANSISTOR TRANSISTOR	
CRT SC	DCKET PW BC	DARD ASS'Y (SG Part Name	E-3061A-M2) Description Local	D5391 D5392 D5501 D5502 D5503 D5504	MTZJ9.1C-T2 MTZJ9.1C-T2 MTZJ9.1C-T2 MTZJ9.1C-T2 MTZJ9.1C-T2 MTZJ9.1C-T2	Z DIODE	
Q3351 Q3352 Q3353 Q3391	2SC4544-LB 2SC4544-LB 2SC4544-LB 2SA933AS/QR/-T	POW TRANSISTOR POW TRANSISTOR POW TRANSISTOR TRANSISTOR		D5505 D5507 D5508 D5509 D5510 D5511	MTZJ9.1C-T2 MTZJ9.1C-T2 MTZJ9.1C-T2 MTZJ9.1C-T2 MTZJ9.1C-T2 MTZJ9.1C-T2 MTZJ9.1C-T2	Z DIODE	
D3389 D3390 D3391 D3393 D3394	MTZJ5.1A-T2 1SS133-T2 1SS133-T2 1SS133-T2 1SS133-T2	Z DIODE DIODE DIODE DIODE DIODE DIODE		D5512 D5513 C5001 C5002	MTZJ9.1C-T2 MTZJ9.1C-T2 MTZJ9.1C-T2 QENC1HM-475Z NCB31HK-562X	Z DIODE Z DIODE BP E CAPACITOR C CAPACITOR	4.7uF 50V M 5600pF 50V K
C3354 C3355 C3356 C3357 C3382 C3391 C3392	1SS133-T2 NDC31HJ-331X NDC31HJ-331X NDC31HJ-391X QETN1CM-107Z QCZ0121-102 QETN1AM-227Z NDC31HJ-101X	DIODE C CAPACITOR C CAPACITOR C CAPACITOR E CAPACITOR C CAPACITOR E CAPACITOR C CAPACITOR C CAPACITOR C CAPACITOR	330pF 50V J 330pF 50V J 390pF 50V J 100uF 16V M 1000pF 3KV 220uF 10V M 100pF 50V J	C5003 C5004 C5005 C5006 C5007 C5008 C5009 C5010 C5011	NCB31HK-123X QETN1HM-105Z QETN1HM-475Z QETN1HM-406Z QETN1HM-475Z QETN1CM-107Z QENC1HM-475Z QETN1HM-475Z QENC1HM-475Z	C CAPACITOR E CAPACITOR E CAPACITOR E CAPACITOR E CAPACITOR E CAPACITOR BP E CAPACITOR E CAPACITOR BP E CAPACITOR BP E CAPACITOR	0.012uF 50V K 1uF 50V M 4.7uF 50V M 10uF 50V M 4.7uF 50V M 100uF 16V M 4.7uF 50V M 4.7uF 50V M 4.7uF 50V M
R3354 R3355 R3356 R3357 R3358 R3360 R3361 R3362 R3363 R3364 R3365 R3366 R3367 R3368 R3372 R3373 R3374 R3375 R3378 R3374 R3375 R3376 R3376 R3376 R3377 R3381 R3391 R3391 R3392 R3393 R3394 R3395	NRSA63J-181X NRSA63J-181X NRSA63J-181X NRSA63J-101X NRSA63J-101X NRSA63J-101X QRZ0111-152 QRZ0111-152 QRZ0111-152 QRG029J-103 QRG029J-103 QRG029J-103 QRG029J-103 QRG029J-103 NRSA63J-222X NRSA63J-222X NRSA63J-222X NRSA63J-221X NRSA63J-221X NRSA63J-221X NRSA63J-221X NRSA63J-0R0X NRSA63J-0R0X NRSA63J-0R0X NRSA63J-100X NRSA63J-102X NRSA63J-102X NRSA63J-102X NRSA63J-102X NRSA63J-102X NRSA63J-102X NRSA63J-102X NRSA63J-102X NRSA63J-102X	MG RESISTOR MG RESISTOR MG RESISTOR MG RESISTOR MG RESISTOR MG RESISTOR C RESISTOR C RESISTOR C RESISTOR C RESISTOR OMF RESISTOR OMF RESISTOR OMF RESISTOR MG RESISTOR	180Ω 1/16W J 180Ω 1/16W J 180Ω 1/16W J 180Ω 1/16W J 100Ω 1/16W J 100Ω 1/16W J 100Ω 1/16W J 1.5kΩ 1/2W K 1.5kΩ 1/2W K 1.5kΩ 1/2W K 1.5kΩ 2W J 10kΩ 2W J 10kΩ 2W J 2.2kΩ 1/16W J 2.2kΩ 1/16W J 2.2kΩ 1/16W J 2.20Ω 1/16W J 220Ω 1/16W J 0Ω 1/16W J 0Ω 1/16W J 0Ω 1/16W J 0Ω 1/16W J 3.9kΩ 1/16W J 3.9kΩ 1/16W J 1.5kΩ 1/16W J	C5012 C5013 C5014 C5015 C5016 C5017 C5018 C5019 C5020 C5021 C5022 C5023 C5024 C5025 C5026 C5031 C5204 C5205 C5206 C5211 C5212 C5213 C5214 C5212 C5213 C5214 C5213 C5214 C5213 C5214 C5213 C5214 C5215 C5226 C5231 C5232 C5233 C5234	NCB31HK-272X NCB31HK-473X QENC1HM-475Z QETN1HM-105Z QENC1HM-105Z QENC1HM-105Z NCB31HK-223X NCB31HK-472X QENC1HM-475Z NCB31HK-472X QENC1HM-475Z NCB31EK-104X NCB31HK-472X QENC1HM-475Z NCB31EK-104X QETN1HM-335Z QETN1HM-335Z QETN1HM-106Z QETN1EM-476Z NCB31HK-103X QETN1EM-476Z NCB31HK-103X QETN1HM-474Z NDC31HJ-181X QETN1HM-474Z NDC31HJ-181X QETN1HM-474Z NCB31HK-103X QETN1CM-107Z NCB31HK-103X NCB31HK-103X NCB31HK-103X NCB31HK-103X NCB31HK-103X NCB31HK-103X NCB31HK-103X NCB31HK-103X NCB31HK-103X	C CAPACITOR C CAPACITOR BP E CAPACITOR E CAPACITOR E CAPACITOR BP E CAPACITOR BP E CAPACITOR C CAPACITOR C CAPACITOR BP E CAPACITOR C CAPACITOR C CAPACITOR C CAPACITOR C CAPACITOR C CAPACITOR C CAPACITOR E CAPACITOR E CAPACITOR E CAPACITOR E CAPACITOR C CAPACITOR	2700pF 50V K 0.047uF 50V K 4.7uF 50V M 10uF 50V M 1uF 50V M 1uF 50V M 1uF 50V M 0.022uF 50V K 4700pF 50V K 4.7uF 50V M 0.1uF 25V K 4700pF 50V K 4.7uF 50V M 0.1uF 25V K 4700pF 50V K 4.7uF 50V M 0.1uF 25V K 0.1uF 25V M 0.1uF 25V M 10uF 50V M 10uF 50V M 10uF 50V M 47uF 25V M 0.01uF 50V K 47uF 25V M 0.01uF 50V K 10uF 16V M 100pF 50V J 47pF 50V J 180pF 50V J 180pF 50V J 0.47uF 50V M 0.01uF 50V K 100uF 16V M 0.01uF 50V K
		-		C5235	NCB31HK-103X	C CAPACITOR	0.01uF 50V K

∕NRef No.	Part No.	Part Name	Description Local	∕∆Ref No.	Part No.	Part Name	Description Local
△Ref No. C5236	Part No. QETN1CM-107Z NCB31HK-103X QETN1CM-107Z NCB31HK-103X NCB31HK-103X NCB31HK-103X NCB31HK-103X NCB31HK-103X NDC31HJ-181X NCB31HK-103X NDC31HJ-820X NDC31HJ-820X NDC31HJ-470X NDC31HJ-470X QETN1HM-474Z QETN1HM-225Z QETN1HM-225Z QETN1HM-106Z NCB31HK-103X QETN1HM-225Z NCB31HK-103X QETN1HM-225Z NCB31HK-103X QETN1HM-105Z	Part Name E CAPACITOR C CAPACITOR E CAPACITOR C CAPACITOR E CAPACITOR C CAPACITOR C CAPACITOR E CAPACITOR E CAPACITOR C CAPACITOR	Description Local 100uF 16V M 0.01uF 50V K 100uF 16V M 0.01uF 50V K 0.01uF 50V K 0.01uF 50V K 100uF 16V M 0.01uF 50V K 100uF 16V M 0.01uF 50V K 180pF 50V J 0.01uF 50V K 47uF 25V M 0.01uF 50V W 47pF 50V J 47pF 50V J 47pF 50V J 0.47uF 50V M 0.47uF 50V M 0.2uF 50V M 10uF 50V M 0.01uF 50V M	ARef No. R5510 R5511 R5512 R5513 R5514 R5515 R5516 R5517 R5519 R5520 R5521 R5522 R5523 R5524 R5522 R5523 R5524 R5524 R5526 R5527 R5532 R5533 R5541 R5542 R5545 R5546 R5558	Part No. NRSA63J-221X NRSA63J-221X NRSA63J-221X NRSA63J-153X NRSA63J-103X NRSA63J-103X NRSA63J-103X NRSA63J-750X NRSA63J-750X NRSA63J-750X NRSA63J-750X NRSA63J-750X NRSA63J-750X NRSA63J-103X NRSA63J-103X NRSA63J-103X NRSA63J-221X NRSA63J-221X NRSA63J-221X NRSA63J-221X NRSA63J-221X NRSA63J-221X NRSA63J-331X NRSA63J-331X NRSA63J-31X NRSA63J-31X NRSA63J-103X	Part Name MG RESISTOR	220Ω 1/16W J 220Ω 1/16W J 220Ω 1/16W J 15kΩ 1/16W J 15kΩ 1/16W J 10kΩ 1/16W J 10kΩ 1/16W J 10kΩ 1/16W J 75Ω 1/16W J 75Ω 1/16W J 75Ω 1/16W J 75Ω 1/16W J 220kΩ 1/16W J 220Ω 1/16W J 220Ω 1/16W J 220Ω 1/16W J 220Ω 1/16W J 330Ω 1/16W J 330Ω 1/16W J 0Ω 1/16W J
C5533 C5534 R5001 R5002	NCB31HK-103X QENC1CM-106Z NRSA63J-105X NRSA63J-104X	C CAPACITOR BP E CAPACITOR MG RESISTOR MG RESISTOR	0.01uF 50V K 10uF 16V M 1MΩ 1/16W J 100kΩ 1/16W J	R5564 R5565 L5202 L5211	NRSA63J-0R0X NRSA63J-0R0X QQL244K-150Z QQL244K-4R7Z	MG RESISTOR MG RESISTOR COIL COIL	0Ω 1/16W J 0Ω 1/16W J 15uH K 4.7uH K
R5002 R5003 R5004 R5005 R5007 R5008	NRSA63J-682X NRSA63J-682X NRSA63F-623X NRSA63J-332X	MG RESISTOR MG RESISTOR MG RESISTOR MG RESISTOR	6.8kΩ 1/16W J 6.8kΩ 1/16W J 62kΩ 1/16W F 3.3kΩ 1/16W J	L5241 L5243 L5244 L5261	QQL244K-4R7Z QQL244K-4R7Z QQL244K-4R7Z QQL244K-150Z	COIL COIL COIL COIL	4.7uH K 4.7uH K 4.7uH K 4.7uH K 15uH K
R5010 R5011 R5012 R5031 R5032 R5033 R5034 R5210 R5211 R5212 R5213 R5214 R5215 R5216 R5217 R5240 R5240	NRSA63J-302X NRSA63J-392X NRSA63J-221X NRSA63J-221X NRSA63J-101X NRSA63J-101X NRSA63J-272X NRSA63J-272X NRSA63J-322X NRSA63J-103X NRSA63J-103X NRSA63J-103X NRSA63J-152X NRSA63J-152X NRSA63J-182X NRSA63J-182X NRSA63J-182X NRSA63J-182X NRSA63J-0ROX NRSA63J-10ROX NRSA63J-10ROX	MG RESISTOR	3kΩ 1/16W J 3.9kΩ 1/16W J 220Ω 1/16W J 220Ω 1/16W J 100Ω 1/16W J 100Ω 1/16W J 2.7kΩ 1/16W J 2.7kΩ 1/16W J 3.3kΩ 1/16W J 10kΩ 1/16W J 10kΩ 1/16W J 18Ω 1/16W J 18Ω 1/16W J 1.5kΩ 1/16W J 1.5kΩ 1/16W J 1.8kΩ 1/16W J 2.2kΩ 1/16W J 3.2kΩ 1/16W J	CN5001 CN5006 J5501 J5502 J5503 W5001 W5002 W5003 W5004 W5005 W5006 W5007 W5008 Y5201 Y5202	QGB1505K1-35 QGA2501C5-05Z QNZ0454-001 QNN0349-001 QNN0348-001 NRSA63J-0ROX NRSA63J-0ROX NRSA63J-0ROX NRSA63J-0ROX NRSA63J-0ROX NRSA63J-0ROX NRSA63J-0ROX NRSA63J-0ROX NRSA63J-0ROX NRSA63J-0ROX NRSA63J-0ROX NRSA63J-0ROX NRSA63J-0ROX	CONNECTOR CONNECTOR AV JACK PIN JACK PIN JACK MG RESISTOR	B-B (1-35) W-B (1-5) S/V/L/R IN V/L/R IN L/R OUT 0Ω 1/16W J
R5242 R5243 R5251 R5253	NRSA63J-101X NRSA63J-101X NRSA63J-471X NRSA63J-102X	MG RESISTOR MG RESISTOR MG RESISTOR MG RESISTOR	100Ω 1/16W J 100Ω 1/16W J 470Ω 1/16W J 1kΩ 1/16W J		TERMINAL P 061A-M2)	W BOARD ASS'Y	
R5254 R5255 R5258	NRSA63J-102X NRSA63J-681X NRSA63J-101X	MG RESISTOR MG RESISTOR MG RESISTOR	1kΩ 1/16W J 680Ω 1/16W J 100Ω 1/16W J	⚠Ref No.	Part No.	Part Name	Description Local
R5259 R5261 R5262 R5263	NRSA63J-222X NRSA63J-101X NRSA63J-222X NRSA63J-471X	MG RESISTOR MG RESISTOR MG RESISTOR MG RESISTOR	2.2kΩ 1/16W J 100Ω 1/16W J 2.2kΩ 1/16W J 470Ω 1/16W J	C6401 C6402 C6403	QETN1HM-106Z QETN1HM-225Z QETN1HM-225Z	E CAPACITOR E CAPACITOR E CAPACITOR	10uF 50V M 2.2uF 50V M 2.2uF 50V M
R5265 R5269 R5270 R5384	NRSA63J-102X NRSA63J-681X NRSA63J-102X NRSA63J-223X	MG RESISTOR MG RESISTOR MG RESISTOR MG RESISTOR	1kΩ 1/16W J 680Ω 1/16W J 1kΩ 1/16W J 22kΩ 1/16W J	R6401 R6402 R6403	NRSA63J-750X NRSA63J-224X NRSA63J-224X	MG RESISTOR MG RESISTOR MG RESISTOR	75Ω 1/16W J 220kΩ 1/16W J 220kΩ 1/16W J
R5385 R5386 R5387 R5391 R5392 R5393 R5394	NRSA63J-223X NRSA63J-223X NRSA63J-223X NRSA63J-221X NRSA63J-221X NRSA63J-823X NRSA63J-823X	MG RESISTOR	22kΩ 1/16W J 22kΩ 1/16W J 22kΩ 1/16W J 220Ω 1/16W J 220Ω 1/16W J 82kΩ 1/16W J 82kΩ 1/16W J	CN6006 J6401 LC6401 Y6001	QJB003-054610 QNN0417-001 QQR1199-001 NRSA63J-0R0X	SIN ID C-B WIRE PIN JACK EMI FILTER MG RESISTOR	V/L/R IN 0Ω 1/16W J
R5395 R5396 R5501 R5502	NRSA63J-221X NRSA63J-221X NRSA63J-221X NRSA63J-221X	MG RESISTOR MG RESISTOR MG RESISTOR MG RESISTOR	220Ω 1/16W J 220Ω 1/16W J 220Ω 1/16W J 220Ω 1/16W J 220Ω 1/16W J		CONTROL P	W BOARD ASS'Y	
R5503 R5504 R5505	NRSA63J-221X NRSA63J-221X NRSA63J-221X	MG RESISTOR MG RESISTOR MG RESISTOR	220Ω 1/16W J 220Ω 1/16W J 220Ω 1/16W J	Ref No.	Part No.	Part Name	Description Local
R5507 R5508 R5509	NRSA63J-103X NRSA63J-153X NRSA63J-221X	MG RESISTOR MG RESISTOR MG RESISTOR	10kΩ 1/16W J 15kΩ 1/16W J 220Ω 1/16W J	IC7701	GP1UM281QK	IR DETECT UNIT	38kHz

ÆRef No. Part No.		Part Name	Description Local
Q7702	UN2112-X	TRANSISTOR	
D7701	LG22440	LED	POWER
C7701	QETN1EM-476Z	E CAPACITOR	47uF 25V M
R7702 R7703 R7704 R7705 R7706 R7708 R7709 R7710 R7711	NRSA63J-102X NRSA63J-102X NRSA63J-152X NRSA63J-272X NRSA63J-562X NRSA63J-152X NRSA63J-561X NRSA63J-101X NRSA63J-101X	MG RESISTOR MG RESISTOR MG RESISTOR MG RESISTOR MG RESISTOR MG RESISTOR MG RESISTOR MG RESISTOR MG RESISTOR MG RESISTOR	$\begin{array}{c} 1 \text{k}\Omega \ 1/16 \text{W J} \\ 1 \text{k}\Omega \ 1/16 \text{W J} \\ 1.5 \text{k}\Omega \ 1/16 \text{W J} \\ 2.7 \text{k}\Omega \ 1/16 \text{W J} \\ 5.6 \text{k}\Omega \ 1/16 \text{W J} \\ 1.5 \text{k}\Omega \ 1/16 \text{W J} \\ 560 \Omega \ 1/16 \text{W J} \\ 560 \Omega \ 1/16 \text{W J} \\ 100 \Omega \ 1/16 \text{W J} \\ 100 \Omega \ 1/16 \text{W J} \end{array}$
CN7007 S7701 S7702 S7703 S7704 S7705 S7706	QJB003-064826 QSW0707-001Z QSW0707-001Z QSW0707-001Z QSW0707-001Z QSW0707-001Z QSW0707-001Z	SIN ID C-B WIRE TACT SWITCH TACT SWITCH TACT SWITCH TACT SWITCH TACT SWITCH TACT SWITCH	POWER MENU CH- CH+ VOL- VOL+

Description Local

[AV-32430/RA] MAIN PW BOARD ASS'Y (SGE-1066A-M2)

MAIN P	W BOARD AS	S'Y (SGE-1066A	\-M2)				
∆Ref No.	Part No.	Part Name	Description Local	D941 D945 D952	MTZJ33A-T2 MTZJ9.1B-T2 1SS133-T2	Z DIODE Z DIODE DIODE	
IC101	M52342SP	IC		D953 D954	1SS133-T2 1N4002G-T2	DIODE SI DIODE	
IC201 IC421	TM8812CPDNG4N35 LA7841	IC		D955 D956	1N4002G-T2 1N4002G-T2	SI DIODE SI DIODE	
IC621 IC702	LA4485 AT24C04W-32430	IC IC	(SERVICE)	D957	1N4002G-T2	SI DIODE	
IC703 IC704	S-80840CNY-T AN78L05-T	IC IC	(/	D972 D973	MTZJ15C-T2 1SS133-T2	Z DIODE DIODE	
IC852 IC853	AN7809F AN7805F	IC IC		⚠ PC921	TLP421F/D4-GR/	PHOTO COUPLER	
ΔIC911 ΔIC921	STR-G6624/F8 SE135N	IC IC		C001	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M
Q001	UN2212-X	DIGI TRANSISTOR		C003 C004	QETN1HM-106Z QETN1CM-108Z	E CAPACITOR E CAPACITOR	10uF 50V M 1000uF 16V M
Q101	2SC5083/L-P/-T	TRANSISTOR TRANSISTOR		C006 C101	QETN1EM-476Z NCB31HK-103X	E CAPACITOR C CAPACITOR	47uF 25V M 0.01uF 50V K
Q131 Q161	2SB709A/QR/-X 2SD601A/QR/-X	TRANSISTOR		C102 C104	NCB31HK-103X NCB31HK-103X	C CAPACITOR C CAPACITOR	0.01uF 50V K 0.01uF 50V K
Q211 Q232	2SD601A/QR/-X 2SD601A/QR/-X	TRANSISTOR TRANSISTOR		C105	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
Q233 Q352	2SD601A/QR/-X 2SD601A/QR/-X	TRANSISTOR TRANSISTOR		C106 C107	QETN1EM-476Z NCB31HK-103X	E CAPACITOR C CAPACITOR	47uF 25V M 0.01uF 50V K
Q431	UN2212-X	DIGI TRANSISTOR		C113 C114	NCB31HK-103X NCB31HK-103X	C CAPACITOR C CAPACITOR	0.01uF 50V K 0.01uF 50V K
Q501 ∆ Q511	2SC4212/Z1/ 2SD2645-YD	TRANSISTOR TRANSISTOR	H OUT	C116 C117	QFVF1HJ-224Z QETN1EM-476Z	MF CAPACITOR E CAPACITOR	0.22uF 50V J 47uF 25V M
Q531 Q532	2SC2785/JH/-T 2SB709A/QR/-X	SI TRANSISTOR TRANSISTOR		C118	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
Q541 Q542	2SB709A/QR/-X 2SB709A/QR/-X	TRANSISTOR TRANSISTOR		C119 C120	NDC31HJ-681X QETN1HM-474Z	C CAPACITOR E CAPACITOR	680pF 50V J 0.47uF 50V M
Q543	2SD1408/OY/-LB	POW TRANSISTOR		C124 C131	NCB31HK-103X NCB31HK-103X	C CAPACITOR C CAPACITOR	0.01uF 50V K 0.01uF 50V K
Q622 Q623	2SD601A/QR/-X UN2212-X	TRANSISTOR DIGI TRANSISTOR		C161 C163	QETN1HM-106Z NDC31HJ-470X	E CAPACITOR C CAPACITOR	10uF 50V M 47pF 50V J
Q701 Q951	2SB709A/QR/-X 2SD1383K/AB/-X	TRANSISTOR TRANSISTOR		C164	NDC31HJ-470X	C CAPACITOR C CAPACITOR	47pF 50V J
Q971	2SA1208/ST/Z1-T	TRANSISTOR		C165 C166	NCB31HK-103X NCB31HK-103X	C CAPACITOR	0.01uF 50V K 0.01uF 50V K
D305	1SS133-T2 1SS133-T2	DIODE DIODE		C202 C203	QETN1HM-105Z NCB31HK-152X	E CAPACITOR C CAPACITOR	1uF 50V M 1500pF 50V K
D306 D307	1SS133-T2	DIODE		C211 C212	QENC1CM-106Z NDC31HJ-100X	BP E CAPACITOR C CAPACITOR	10uF 16V M 10pF 50V J
D308 D309	1SS133-T2 1SS133-T2	DIODE DIODE		C221 C222	QETN1HM-106Z QFVF1HJ-104Z	E CAPACITOR MF CAPACITOR	10uF 50V M 0.1uF 50V J
D310 D352	1SS133-T2 MTZJ9.1C-T2	DIODE Z DIODE		C223	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
D353 D354	1SS133-T2 MTZJ3.3A-T2	DIODE Z DIODE		C233 C237	NDC31HJ-680X NCB31HK-103X	C CAPACITOR C CAPACITOR	68pF 50V J 0.01uF 50V K
D421	1N4003-T2	SI DIODE		C241 C242	NCB31HK-103X QETN1HM-225Z	C CAPACITOR E CAPACITOR	0.01uF 50V K 2.2uF 50V M
D422 D432	MTZJ75-T2 1SS133-T2	Z DIODE DIODE		C243 C244	QETN1CM-107Z NCB31HK-103X	E CAPACITOR C CAPACITOR	100uF 16V M 0.01uF 50V K
D501 D502	RH3G-F1 RU3AM-LFC4	SI DIODE SI DIODE		C281 C282	QFVF1HJ-474Z QETN1CM-107Z	MF CAPACITOR E CAPACITOR	0.47uF 50V J 100uF 16V M
D521 D523	RH1S-T3 RGP10J-5025-T3	SI DIODE SI DIODE		C283	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
D525 D526	1SS81-T5 1SS81-T5	SI DIODE SI DIODE		C284 C285	QETN1HM-225Z NCB31HK-103X	E CAPACITOR C CAPACITOR	2.2uF 50V M 0.01uF 50V K
D527	1SR124-400A-T2	SI DIODE		C286 C287	QETN1HM-106Z QETN1CM-107Z	E CAPACITOR E CAPACITOR	10uF 50V M 100uF 16V M
D529 ▲D531	MTZJ5.1C-T2 MA4068N/Z1/-T2	Z DIODE Z DIODE		C288 C352	NCB31HK-103X QETN1CM-336Z	C CAPACITOR E CAPACITOR	0.01uF 50V K 33uF 16V M
D535 D537	1SS133-T2 1SR35-400A-T2	DIODE SI DIODE		C354 C391	NCB31HK-103X QETN1CM-107Z	C CAPACITOR E CAPACITOR	0.01uF 50V K 100uF 16V M
D601 D602	MTZJ9.1C-T2 MTZJ9.1C-T2	Z DIODE Z DIODE		C392	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
D603 D700	MTZJ9.1C-T2 MTZJ5.6B-T2	Z DIODE Z DIODE		C422 C424	QFN32AJ-102Z QETN1VM-107Z	M CAPACITOR E CAPACITOR	1000pF 100V J 100uF 35V M
D701	1SS133-T2	DIODE		C425 C427	QETN1VM-477Z QETN1HM-105Z	E CAPACITOR E CAPACITOR	470uF 35V M 1uF 50V M
D703 D704	MTZJ5.6B-T2 MTZJ5.6B-T2	Z DIODE Z DIODE		C428 C431	QETM1EM-228 QFLC2AK-563Z	E CAPACITOR M CAPACITOR	2200uF 25V M 0.056uF 100V K
D705 D706	1SS133-T2 MTZJ5.6B-T2	DIODE Z DIODE		C432 C433	QETN1EM-476Z QETN1EM-476Z	E CAPACITOR E CAPACITOR	47uF 25V M 47uF 25V M
D707 D708	MTZJ5.6B-T2 MTZJ5.6B-T2	Z DIODE Z DIODE		C435	NCB21HK-183X	C CAPACITOR	0.018uF 50V K
D709 D723	MTZJ5.6B-T2 MTZJ5.6B-T2	Z DIODE Z DIODE		C440 C501	QCS32HJ-220Z QCB32HK-151Z	C CAPACITOR C CAPACITOR	22pF 500V J 150pF 500V K
△ D901	GSIB460-S1	BRIDGE DIODE		C502 C503	QCB32HK-331Z QEHR2CM-105Z	C CAPACITOR E CAPACITOR	330pF 500V K 1uF 160V M
D910 D911	MA700A-T2 RGP10J-5025-T3	SB DIODE SI DIODE		C504 C507	QEZ0203-107 QEM61HK-475Z	E CAPACITOR E CAPACITOR	100uF 160V M 4.7uF 50V K
D912 D913	RGP10J-5025-T3 RGP10J-5025-T3	SI DIODE SI DIODE		C508	QEM61HK-475Z	E CAPACITOR	4.7uF 50V K
D914 D915	1SS133-T2 SARS01-T2	DIODE SI DIODE		∆C510 ∆C513	QFZ0200-502 QFZ0198-133	MPP CAPACITOR MPP CAPACITOR	5000pF 1.5kV H 0.013uF 1.5KV
D917	MTZJ30A-T2	Z DIODE		C514 C515	QFP32GJ-183 QFZ0199-534	PP CAPACITOR MPP CAPACITOR	0.018uF 400V J 0.53uF 250V J
D918 D920	MTZJ5.1C-T2 1SS133-T2	Z DIODE DIODE		C516 C521	QCB32HK-561Z QETN2EM-106Z	C CAPACITOR E CAPACITOR	560pF 500V K 10uF 250V M
D931 D933	RU30A-F1 RU3YX-LFC4	SI DIODE SI DIODE		C523 C525	QEHR1VM-108Z QETN1VM-107Z	E CAPACITOR E CAPACITOR	1000uF 35V M 100uF 35V M
D935	RU3YX-LFC4	SI DIODE		C526	QFV21HJ-824Z	MF CAPACITOR	0.82uF 50V J

Part Name

Ref No.	Part No.	Part Name	Description Local	ΔRef No.	Part No.	Part Name	Description Local
C527	QFLC2AJ-103Z	M CAPACITOR	0.01uF 100V J	R113	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C531	QCB32HK-102Z	C CAPACITOR	1000pF 500V K	R115	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C533	QETN1HM-106Z	E CAPACITOR	10uF 50V M	R116	NRSA63J-680X	MG RESISTOR	68Ω 1/16W J
C601	QETN1EM-476Z	E CAPACITOR	47uF 25V M	R117	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J
C602	QETN1EM-476Z	E CAPACITOR	47uF 25V M	R118	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J
C603	QETN1EM-476Z	E CAPACITOR	47uF 25V M	R131	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
C609	QFVF1HJ-104Z	MF CAPACITOR	0.1uF 50V J	R132	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J
C610	QFVF1HJ-104Z	MF CAPACITOR	0.1uF 50V J	R133	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J
C611	QFVF1HJ-104Z	MF CAPACITOR	0.1uF 50V J	R134	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J
C612	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R135	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
C613	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R161	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
C614	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R162	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C621	NCB31HK-102X	C CAPACITOR	1000pF 50V K	R163	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J
C622	NCF21CZ-105X	C CAPACITOR	1uF 16V Z	R164	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
C623	NCB31HK-102X	C CAPACITOR	1000pF 50V K	R165	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J
C624	NCF21CZ-105X	C CAPACITOR	1uF 16V Z	R166	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
C625	QETN1CM-107Z	E CAPACITOR	100uF 16V M	R167	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
C626	QETN1EM-108Z	E CAPACITOR	1000uF 25V M	R168	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C627	QETN1HM-474Z	E CAPACITOR	0.47uF 50V M	R169	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J
C628	QETN1EM-108Z	E CAPACITOR	1000uF 25V M	R171	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
C629	QETN1EM-108Z	E CAPACITOR	1000uF 25V M	R201	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J
C636	QETN1HM-105Z	E CAPACITOR	1uF 50V M	R212	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J
C637	QETN1HM-105Z	E CAPACITOR	1uF 50V M	R215	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J
C700	NCB31HK-102X	C CAPACITOR	1000pF 50V K	R216	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J
C701	QETN1HM-106Z	E CAPACITOR	10uF 50V M	R217	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
C702	QETN1HM-106Z	E CAPACITOR	10uF 50V M	R222	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C703	QETN1HM-106Z	E CAPACITOR	10uF 50V M	R227	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J
C704	QETN1CM-107Z	E CAPACITOR	100uF 16V M	R231	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J
C705	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R237	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J
C706	QETN1HM-105Z	E CAPACITOR	1uF 50V M	R238	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J
C708	NDC31HJ-220X	C CAPACITOR	22pF 50V J	R241	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
C709	NDC31HJ-220X	C CAPACITOR	22pF 50V J	R243	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J
C711	QETN1CM-107Z	E CAPACITOR	100uF 16V M	R281	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J
C712 C716	NCB31HK-103X QETN1HM-106Z	C CAPACITOR	0.01uF 50V K	R282	NRSA63J-392X NRSA63J-681X	MG RESISTOR MG RESISTOR	3.9kΩ 1/16W J
C728	NCB31HK-103X	E CAPACITOR C CAPACITOR	10uF 50V M 0.01uF 50V K	R283 R286	NRSA63J-472X	MG RESISTOR	680Ω 1/16W J 4.7kΩ 1/16W J
C807	QETN1AM-477Z	E CAPACITOR	470uF 10V M	R287	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C815	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R288	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J
C853	QETN1CM-227Z	E CAPACITOR	220uF 16V M	R289	NRSA63J-154X	MG RESISTOR	150kΩ 1/16W J
C854	QETN1CM-227Z	E CAPACITOR	220uF 16V M	R290	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J
C856 C857	QETN1CM-227Z QETN1CM-477Z	E CAPACITOR	220uF 16V M 470uF 16V M	R292	NRSA63J-124X	MG RESISTOR MG RESISTOR	120kΩ 1/16W J
⚠ C901	QFZ9072-104	E CAPACITOR MM CAPACITOR	0.1uF AC250V K	R293 R301	NRSA63J-224X NRSA63J-222X	MG RESISTOR	220kΩ 1/16W J 2.2kΩ 1/16W J
∆C902	QFZ9072-473	MM CAPACITOR	0.047uF AC250V K	R302	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
∆C904	QCZ9054-102	C CAPACITOR	1000pF AC250V Z	R303	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
∆ C905	QCZ9054-102	C CAPACITOR	1000pF AC250V Z	R304	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
∆ C906	QCZ9054-102	C CAPACITOR	1000pF AC250V Z	R305	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C907	QEZ0169-477	E CAPACITOR	470uF 200V M	R306	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
∆ C908	QCZ9054-102	C CAPACITOR	1000pF AC250V Z	R354	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C912	QCZ0340-222	C CAPACITOR	2200pF 2kV K	R355	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C913	QFLC1HJ-471Z	M CAPACITOR	470pF 50V J	R356	NRSA63J-123X	MG RESISTOR	12kΩ 1/16W J
C914	QETN1HM-107Z	E CAPACITOR	100uF 50V M	R359	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
C916	NDC31HJ-331X	C CAPACITOR	330pF 50V J	R360	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C917	NCB31HK-182X	C CAPACITOR	1800pF 50V K	R421	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J
C918	NCB21HK-104X	C CAPACITOR	0.1uF 50V K	R423	NRSA63J-393X	MG RESISTOR	39kΩ 1/16W J
C919	QFP32GJ-103	PP CAPACITOR	0.01uF 400V J	R424	NRSA63J-393X	MG RESISTOR	39kΩ 1/16W J
C931 C933	QEZ0203-107	E CAPACITOR E CAPACITOR	100uF 160V M	R426 R427	NRSA63J-183X QRT029J-1R5	MG RESISTOR MF RESISTOR	18kΩ 1/16W J 1.5Ω 2W J
C934	QETN1CM-108Z NDC31HJ-151X	C CAPACITOR	1000uF 16V M 150pF 50V J	R429	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J
C935	QETN1EM-108Z	E CAPACITOR	1000uF 25V M	R430	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C937	QCZ0340-102	C CAPACITOR	1000pF 2kV K	R431	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J
C938	QETN1CM-477Z	E CAPACITOR	470uF 16V M	R432	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C939	QCB32HK-152Z	C CAPACITOR	1500pF 500V K	R433	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J
C941	QCB32HK-102Z	C CAPACITOR	1000pF 500V K	R434	QRL029J-181	OMF RESISTOR	180Ω 2W J
C942	QEHR1HM-105Z	E CAPACITOR	1uF 50V M	R435	QRE121J-102Y	C RESISTOR	1kΩ 1/2W J
C951	QETN1EM-477Z	E CAPACITOR	470uF 25V M	R441	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C952	QETN1CM-227Z	E CAPACITOR	220uF 16V M	R447	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J
C971	QETN1CM-107Z	E CAPACITOR	100uF 16V M	R448	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J
C972	QETN1EM-476Z	E CAPACITOR	47uF 25V M	R449	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
C973	QETN1HM-106Z	E CAPACITOR	10uF 50V M	R501	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
∆C997	QCZ9052-102	C CAPACITOR	1000pF AC125V M	R502	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J
∆C998	QCZ9074-103	C CAPACITOR	0.01uF 250V	R503	QRE121J-103Y	C RESISTOR	10kΩ 1/2W J
∆C999	QCZ9074-103	C CAPACITOR	0.01uF 250V	R504	QRL039J-102	OMF RESISTOR	1kΩ 3W J
R002	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R505 R511	QRL039J-102 QRE121J-220Y	OMF RESISTOR C RESISTOR	1kΩ 3W J 22Ω 1/2W J
R003	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R512	QRE121J-681Y	C RESISTOR	680Ω 1/2W J
R004	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R523	QRJ146J-333X	UNF C RESISTOR	33kΩ 1/4W J
R005	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R526	QRE121J-272Y	C RESISTOR	2.7kΩ 1/2W J
R008	NRSA63J-820X	MG RESISTOR	82Ω 1/16W J	R527	QRE121J-154Y	C RESISTOR	150kΩ 1/2W J
R009	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	R528	QRE121J-154Y	C RESISTOR	150kΩ 1/2W J
R101	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	R529	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J
R102	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	R531	QRJ146J-391X	UNF C RESISTOR	390Ω 1/4W J
R103	QRE121J-101Y	C RESISTOR	100Ω 1/2W J	R532	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J
R104	NRSA63J-180X	MG RESISTOR	18Ω 1/16W J	R533	NRSA63J-123X	MG RESISTOR	12kΩ 1/16W J
R105	NRSA63J-270X	MG RESISTOR	27Ω 1/16W J	R534	NRSA63J-123X	MG RESISTOR	12kΩ 1/16W J
R111	NRSA63J-394X	MG RESISTOR	390kΩ 1/16W J	∆ R535	NRVA02D-222X	CMF RESISTOR	2.2kΩ 1/10W D
R112	NRSA63J-334X	MG RESISTOR	330kΩ 1/16W J	△R537	NRVA02D-752X	CMF RESISTOR	7.5kΩ 1/10W D

Ref No.	Part No.	Part Name	Description Local		Part No.	Part Name	Description Local
R538 R543 R544 R545 R546	NRSA63J-333X QRE121J-122Y QRE121J-392Y QRE121J-822Y NRSA63J-331X	MG RESISTOR C RESISTOR C RESISTOR C RESISTOR MG RESISTOR	33kΩ 1/16W J 1.2kΩ 1/2W J 3.9kΩ 1/2W J 8.2kΩ 1/2W J 330Ω 1/16W J	R979 R980 △ R998 R999	QRT029J-1R2 QRT029J-1R2 QRZ9041-275 QRE121J-121Y	MF RESISTOR MF RESISTOR C RESISTOR C RESISTOR	1.2Ω 2W J 1.2Ω 2W J 2.7MΩ 1/2W K 120Ω 1/2W J
R547 R548 R553 ∆ R554	NRSA63J-104X QRE121J-152Y QRL039J-180 QRK126J-150X	MG RESISTOR C RESISTOR OMF RESISTOR UNF C RESISTOR	100kΩ 1/16W J 1.5kΩ 1/2W J 18Ω 3W J 15Ω 1/2W J	L001 L101 L113 L131	QQL244K-560Z QQLZ014-R22 QQL244K-4R7Z QQL244K-150Z	COIL COIL COIL	56uH K 0.22uH 100mA L 4.7uH K 15uH K
R555 R601 R602 R603 R610	QRX029J-3R3 NRSA63J-750X NRSA63J-750X NRSA63J-750X NRSA63J-0R0X	MF RESISTOR MG RESISTOR MG RESISTOR MG RESISTOR MG RESISTOR	3.3Ω 2W J 75Ω 1/16W J 75Ω 1/16W J 75Ω 1/16W J 0Ω 1/16W J	L161 L232 L241 L391 L511	QQL244K-220Z QQL244K-560Z QQL244K-220Z QQL244K-220Z QQR1027-003	COIL COIL COIL COIL LINEARITY COIL	22uH K 56uH K 22uH K 22uH K
R611 R612 R613 R621 R622	NRSA63J-0R0X NRSA63J-0R0X NRSA63J-0R0X NRSA63J-682X NRSA63J-681X	MG RESISTOR MG RESISTOR MG RESISTOR MG RESISTOR MG RESISTOR	0Ω 1/16W J 0Ω 1/16W J 0Ω 1/16W J 6.8kΩ 1/16W J 680Ω 1/16W J	L512 L521 L701 L702 L704	QQLZ036-821 QQLZ026-121 QQL244K-220Z QQL244K-220Z QQL244K-220Z	COIL COIL COIL COIL COIL	820uH K 120uH ±7% 22uH K 22uH K 22uH K
R623 R624 R626 R627	NRSA63J-682X NRSA63J-681X NRSA63J-223X NRSA63J-223X	MG RESISTOR MG RESISTOR MG RESISTOR MG RESISTOR	6.8kΩ 1/16W J 680Ω 1/16W J 22kΩ 1/16W J 22kΩ 1/16W J	L705 L931 L933 L940	QQL244K-220Z QQL26AK-470Z QQL26AK-470Z QQR0582-001Z	COIL COIL COIL FERRITE BEADS	22uH K 22uH K 47uH K 47uH K
R631 R632 R638 R639 R651	NRSA63J-333X NRSA63J-223X NRSA63J-0R0X NRSA63J-0R0X NRSA63J-0R0X	MG RESISTOR MG RESISTOR MG RESISTOR MG RESISTOR MG RESISTOR	33kΩ 1/16W J 22kΩ 1/16W J 0Ω 1/16W J 0Ω 1/16W J 0Ω 1/16W J	T111 T501 △T502 △T921 △T951	QQR0907-001 CE42034-002 QQH0121-001 QQS0138-001 QQT0372-001	IFT HOR DRIVE TRANS FB TRANSF SW TRANSF POWER TRANSF	
R652 R653 R700 R701 R702	NRSA63J-0R0X NRSA63J-0R0X NRSA63J-102X NRSA63J-103X NRSA63J-102X	MG RESISTOR MG RESISTOR MG RESISTOR MG RESISTOR MG RESISTOR	0Ω 1/16W J 0Ω 1/16W J 1kΩ 1/16W J 10kΩ 1/16W J 1kΩ 1/16W J	CF001 CF131 CF161 CN001	QAX0349-001 QAX0639-001Z QAX0642-001Z QGB1505J1-35	C TRAP C TRAP C FILTER CONNECTOR	47.25MHz 4.500MHz 4.500MHz B-B (1-35)
R704 R705 R706 R707 R708	NRSA63J-472X NRSA63J-472X NRSA63J-472X NRSA63J-103X NRSA63J-101X	MG RESISTOR MG RESISTOR MG RESISTOR MG RESISTOR MG RESISTOR	4.7kΩ 1/16W J 4.7kΩ 1/16W J 4.7kΩ 1/16W J 10kΩ 1/16W J 100Ω 1/16W J	CN004 CN005 CN007 CN00C CN0B1	QGA2501C5-05Z QGA2501C5-04Z QGA2501C5-06Z QGA2501F1-06 QGA2501C5-03Z	CONNECTOR CONNECTOR CONNECTOR CONNECTOR CONNECTOR	W-B (1-5) W-B (1-4) W-B (1-6) W-B (1-6) W-B (1-3)
R709 R715 R718 R721	NRSA63J-101X NRSA63J-103X NRSA63J-223X NRSA63J-102X	MG RESISTOR MG RESISTOR MG RESISTOR MG RESISTOR	100Ω 1/16W J 10kΩ 1/16W J 22kΩ 1/16W J 1kΩ 1/16W J	CN0E1 CN0HV CN0S1 CN0SS	CE41507-001P QGZ5004C1-06 QGA2501C5-03Z QGA2501C5-04Z	LV CONNECTOR CONNECTOR CONNECTOR CONNECTOR	(1-6) W-B (1-3) W-B (1-4)
R728 R729 R731 R732 R733	NRSA63J-102X NRSA63J-223X NRSA63J-101X NRSA63J-101X NRSA63J-472X	MG RESISTOR MG RESISTOR MG RESISTOR MG RESISTOR MG RESISTOR	1kΩ 1/16W J 22kΩ 1/16W J 100Ω 1/16W J 100Ω 1/16W J 4.7kΩ 1/16W J	⚠CP932 ⚠CP936 ⚠F901 ⚠F905 FC901	ICP-N70-T ICP-N70-T QMF0007-5R0J1 QMFZ049-5R0Z-E CEMG002-001Z	IC PROTECTOR IC PROTECTOR FUSE FUSE FUSE CLIP	2.5A 2.5A 5A 5A 125V
R734 R739 R740 R764 R765	NRSA63J-472X NRSA63J-0R0X NRSA63J-103X NRSA63J-221X NRSA63J-221X	MG RESISTOR MG RESISTOR MG RESISTOR MG RESISTOR MG RESISTOR	4.7kΩ 1/16W J 0Ω 1/16W J 10kΩ 1/16W J 220Ω 1/16W J 220Ω 1/16W J	FC902 ⚠FR525 ⚠FR527 HS001 HS002	CEMG002-001Z QRZ9017-4R7 QRZ9011-470 CEHE011-001WU LC31678-001A	FUSE CLIP FUSI RESISTOR FUSI RESISTOR HEAT SINK HEAT SINK/AL-F/	4.7Ω 1/4W J 47Ω 1/2W J
R766 R767 R769 R772 R811	NRSA63J-221X NRSA63J-221X NRSA63J-682X NRSA63J-103X NRSA63J-473X	MG RESISTOR MG RESISTOR MG RESISTOR MG RESISTOR MG RESISTOR	220Ω 1/16W J 220Ω 1/16W J 6.8kΩ 1/16W J 10kΩ 1/16W J 47kΩ 1/16W J	HS003 HS004 HS005 HS007 J601	LC31677-001A CEHE015-001WU CM42862-00G-H CEHT11B-002QS QNN0349-002	HEAT SINK/AL-F/ HEAT SINK HEAT SINK ASSY HEAT SINK PIN JACK	
R816 R821 R822 R827	NRSA63J-124X NRSA63J-184X NRSA63J-0R0X NRSA63J-102X	MG RESISTOR MG RESISTOR MG RESISTOR MG RESISTOR	120kΩ 1/16W J 180kΩ 1/16W J 0Ω 1/16W J 1kΩ 1/16W J	K401 K912 K916 K917	QQR0621-002Z QQR0582-001Z QQR0582-001Z QQR0582-001Z	FERRITE BEADS FERRITE BEADS FERRITE BEADS FERRITE BEADS	
R855 R857 R858 R901 R909	QRG039J-100 QRL029J-470 QRL029J-820 QRF074K-R47 QRG01GJ-470	OMF RESISTOR OMF RESISTOR OMF RESISTOR UNF WW RESISTOR OMF RESISTOR	10Ω 3W J 47Ω 2W J 82Ω 2W J 0.47Ω 7W K 47Ω 1W J	K918 K931 K932 K933 K935	QQR0582-001Z QQR0582-001Z QQR0582-001Z QQR0621-002Z QQR0582-001Z	FERRITE BEADS FERRITE BEADS FERRITE BEADS FERRITE BEADS FERRITE BEADS	2015
R911 R912 R913 △ \R914 △ \R915	QRE121J-223Y QRT029J-R22 QRT029J-R22 QRK126J-681X QRK129J-6R8	C RESISTOR MF RESISTOR MF RESISTOR UNF C RESISTOR UNF C RESISTOR	22kΩ 1/2W J 0.22Ω 2W J 0.22Ω 2W J 680Ω 1/2W J 6.8Ω 1/2W J	LC601 LC602 LC603 △LF901 △RY951	QQR1199-001 QQR1199-001 QQR1199-001 QQR1085-003 QSK0086-001	EMI FILTER EMI FILTER EMI FILTER LINE FILTER RELAY	COMP IN
ÆR917 R918 R919 R924 R930	QRK126J-332X QRE121J-222Y QRE121J-684Y QRE121J-222Y QRE121J-223Y	UNF C RESISTOR C RESISTOR C RESISTOR C RESISTOR C RESISTOR C RESISTOR	3.3kΩ 1/2W J 2.2kΩ 1/2W J 680kΩ 1/2W J 2.2kΩ 1/2W J 22kΩ 1/2W J	S421 SF101 △TH901 △TU001 △VA901	QSL4A13-C02 QAX0723-001 QAD0132-3R0 QAU0305-001 ERZV10V621CS	LEVER SWITCH SAW FILTER P THERMISTOR TUNER ZNR	V CENTER 3Ω
R939 R940 R941 R950 R951	QRT039J-2R2 QRE121J-181Y QRL029J-183 NRSA63J-0R0X NRSA63J-473X	MF RESISTOR C RESISTOR OMF RESISTOR MG RESISTOR MG RESISTOR	2.2Ω 3W J 180Ω 1/2W J 18kΩ 2W J 0Ω 1/16W J 47kΩ 1/16W J	W1 W2 W3 W4 W5	NRSA63J-0R0X NRSA63J-0R0X NRSA63J-0R0X NRSA63J-0R0X NRSA63J-0R0X	MG RESISTOR MG RESISTOR MG RESISTOR MG RESISTOR MG RESISTOR	0Ω 1/16W J 0Ω 1/16W J 0Ω 1/16W J 0Ω 1/16W J 0Ω 1/16W J
R952 R953 R973 R975 R977	NRSA63J-102X QRE121J-820Y QRE121J-272Y QRE121J-223Y QRE121J-473Y	MG RESISTOR C RESISTOR C RESISTOR C RESISTOR C RESISTOR C RESISTOR	1 kΩ 1/16W J 82Ω 1/2W J 2.7kΩ 1/2W J 22kΩ 1/2W J 47kΩ 1/2W J	W6 W7 W8 W9 W10	NRSA63J-0R0X NRSA63J-0R0X NRSA63J-0R0X NRSA63J-0R0X NRSA63J-0R0X NRSA63J-0R0X	MG RESISTOR MG RESISTOR MG RESISTOR MG RESISTOR MG RESISTOR MG RESISTOR	0Ω 1/16W J 0Ω 1/16W J 0Ω 1/16W J 0Ω 1/16W J 0Ω 1/16W J 0Ω 1/16W J
R978	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	W11	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J

Ref No.	Part No.	Part Name	Description Local
M12 W13 W14 W15 W16 W17 W18 W19 W20 W21 W22 W23 W24 W25 W26 W27 W28 X701	Part No. NRSA63J-0R0X OAX0717-001Z	Part Name MG RESISTOR	Description Local 0Ω 1/16W J
Y402 Y405 Y411 Y414 Y701	NRSA63J-0R0X NRSA63J-0R0X NRSA63J-0R0X NRSA63J-0R0X QRE141J-0R0Y	MG RESISTOR MG RESISTOR MG RESISTOR MG RESISTOR MG RESISTOR C RESISTOR	0Ω 1/16W J 0Ω 1/16W J 0Ω 1/16W J 0Ω 1/16W J 0Ω 1/16W J 0Ω 1/4W J

CRT SOCKET PW BOARD ASS'Y (SGE-3061A-M2)

REFER TO PARTS LIST IN PAGE 3-8 FOR THIS P.W. BOARD.

AV SELECTER PW BOARD ASS'Y (SGE-5062A-M2)

REFER TO PARTS LIST IN PAGE 3-8 FOR THIS P.W. BOARD.

FRONT TERMINAL PW BOARD ASS'Y (SGE-6061A-M2)

REFER TO PARTS LIST IN PAGE 3-9 FOR THIS P.W. BOARD.

FRONT CONTROL PW BOARD ASS'Y (SGE-7061A-M2)

Description Local

[AV-32430/YA] MAIN PW BOARD ASS'Y (SGE-1065A-M2)

MAIN P	W BOARD AS	S'Y (SGE-1065A	\-M2)				
∆Ref No.	Part No.	Part Name	Description Local	D941 D945 D952	MTZJ33A-T2 MTZJ9.1B-T2 1SS133-T2	Z DIODE Z DIODE DIODE	
IC101	M52342SP	IC		D953 D954	1SS133-T2 1N4002G-T2	DIODE SI DIODE	
IC201 IC421	TM8812CPDNG4N35 LA7841	IC		D955 D956	1N4002G-T2 1N4002G-T2	SI DIODE SI DIODE	
IC621 IC702	LA4485 AT24C04W-32430	IC IC	(SERVICE)	D957	1N4002G-T2	SI DIODE	
IC703 IC704	S-80840CNY-T AN78L05-T	IC IC	(/	D972 D973	MTZJ15C-T2 1SS133-T2	Z DIODE DIODE	
IC852 IC853	AN7809F AN7805F	IC IC		 △ PC921	TLP421F/D4-GR/	PHOTO COUPLER	
ΔIC911 ΔIC921	STR-G6624/F8 SE135N	IC IC		C001	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M
Q001	UN2212-X	DIGI TRANSISTOR		C003 C004	QETN1HM-106Z QETN1CM-108Z	E CAPACITOR E CAPACITOR	10uF 50V M 1000uF 16V M
Q101	2SC5083/L-P/-T	TRANSISTOR TRANSISTOR		C006 C101	QETN1EM-476Z NCB31HK-103X	E CAPACITOR C CAPACITOR	47uF 25V M 0.01uF 50V K
Q131 Q161	2SB709A/QR/-X 2SD601A/QR/-X	TRANSISTOR		C102 C104	NCB31HK-103X NCB31HK-103X	C CAPACITOR C CAPACITOR	0.01uF 50V K 0.01uF 50V K
Q211 Q232	2SD601A/QR/-X 2SD601A/QR/-X	TRANSISTOR TRANSISTOR		C105	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
Q233 Q352	2SD601A/QR/-X 2SD601A/QR/-X	TRANSISTOR TRANSISTOR		C106 C107	QETN1EM-476Z NCB31HK-103X	E CAPACITOR C CAPACITOR	47uF 25V M 0.01uF 50V K
Q431	UN2212-X	DIGI TRANSISTOR		C113 C114	NCB31HK-103X NCB31HK-103X	C CAPACITOR C CAPACITOR	0.01uF 50V K 0.01uF 50V K
Q501 ∆ Q511	2SC4212/Z1/ 2SD2645-YD	TRANSISTOR TRANSISTOR	H OUT	C116 C117	QFVF1HJ-224Z QETN1EM-476Z	MF CAPACITOR E CAPACITOR	0.22uF 50V J 47uF 25V M
Q531 Q532	2SC2785/JH/-T 2SB709A/QR/-X	SI TRANSISTOR TRANSISTOR		C118	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
Q541 Q542	2SB709A/QR/-X 2SB709A/QR/-X	TRANSISTOR TRANSISTOR		C119 C120	NDC31HJ-681X QETN1HM-474Z	C CAPACITOR E CAPACITOR	680pF 50V J 0.47uF 50V M
Q543	2SD1408/OY/-LB	POW TRANSISTOR		C124 C131	NCB31HK-103X NCB31HK-103X	C CAPACITOR C CAPACITOR	0.01uF 50V K 0.01uF 50V K
Q622 Q623	2SD601A/QR/-X UN2212-X	TRANSISTOR DIGI TRANSISTOR		C161 C163	QETN1HM-106Z NDC31HJ-470X	E CAPACITOR C CAPACITOR	10uF 50V M 47pF 50V J
Q701 Q951	2SB709A/QR/-X 2SD1383K/AB/-X	TRANSISTOR TRANSISTOR		C164 C165	NDC31HJ-470X	C CAPACITOR C CAPACITOR	47pF 50V J
Q971	2SA1208/ST/Z1-T	TRANSISTOR		C166	NCB31HK-103X NCB31HK-103X	C CAPACITOR	0.01uF 50V K 0.01uF 50V K
D305 D306	1SS133-T2 1SS133-T2	DIODE DIODE		C202 C203	QETN1HM-105Z NCB31HK-152X	E CAPACITOR C CAPACITOR	1uF 50V M 1500pF 50V K
D307	1SS133-T2	DIODE		C211 C212	QENC1CM-106Z NDC31HJ-100X	BP E CAPACITOR C CAPACITOR	10uF 16V M 10pF 50V J
D308 D309	1SS133-T2 1SS133-T2	DIODE DIODE		C221 C222	QETN1HM-106Z QFVF1HJ-104Z	E CAPACITOR MF CAPACITOR	10uF 50V M 0.1uF 50V J
D310 D352	1SS133-T2 MTZJ9.1C-T2	DIODE Z DIODE		C223	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
D353 D354	1SS133-T2 MTZJ3.3A-T2	DIODE Z DIODE		C233 C237	NDC31HJ-680X NCB31HK-103X	C CAPACITOR C CAPACITOR	68pF 50V J 0.01uF 50V K
D421	1N4003-T2	SI DIODE		C241 C242	NCB31HK-103X QETN1HM-225Z	C CAPACITOR E CAPACITOR	0.01uF 50V K 2.2uF 50V M
D422 D432	MTZJ75-T2 1SS133-T2	Z DIODE DIODE		C243 C244	QETN1CM-107Z NCB31HK-103X	E CAPACITOR C CAPACITOR	100uF 16V M 0.01uF 50V K
D501 D502	RH3G-F1 RU3AM-LFC4	SI DIODE SI DIODE		C281 C282	QFVF1HJ-474Z QETN1CM-107Z	MF CAPACITOR E CAPACITOR	0.47uF 50V J 100uF 16V M
D521 D523	RH1S-T3 RGP10J-5025-T3	SI DIODE SI DIODE		C283	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
D525 D526	1SS81-T5 1SS81-T5	SI DIODE SI DIODE		C284 C285	QETN1HM-225Z NCB31HK-103X	E CAPACITOR C CAPACITOR	2.2uF 50V M 0.01uF 50V K
D527	1SR124-400A-T2	SI DIODE		C286 C287	QETN1HM-106Z QETN1CM-107Z	E CAPACITOR E CAPACITOR	10uF 50V M 100uF 16V M
D529 ▲D531	MTZJ5.1C-T2 MA4068N/Z1/-T2	Z DIODE Z DIODE		C288 C352	NCB31HK-103X QETN1CM-336Z	C CAPACITOR E CAPACITOR	0.01uF 50V K 33uF 16V M
D535 D537	1SS133-T2 1SR35-400A-T2	DIODE SI DIODE		C354 C391	NCB31HK-103X QETN1CM-107Z	C CAPACITOR E CAPACITOR	0.01uF 50V K 100uF 16V M
D601 D602	MTZJ9.1C-T2 MTZJ9.1C-T2	Z DIODE Z DIODE		C392	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
D603 D700	MTZJ9.1C-T2 MTZJ5.6B-T2	Z DIODE Z DIODE		C422 C424	QFN32AJ-102Z QETN1VM-107Z	M CAPACITOR E CAPACITOR	1000pF 100V J 100uF 35V M
D701	1SS133-T2	DIODE		C425 C427	QETN1VM-477Z QETN1HM-105Z	E CAPACITOR E CAPACITOR	470uF 35V M 1uF 50V M
D703 D704	MTZJ5.6B-T2 MTZJ5.6B-T2	Z DIODE Z DIODE		C428 C431	QETM1EM-228 QFLC2AK-563Z	E CAPACITOR M CAPACITOR	2200uF 25V M 0.056uF 100V K
D705 D706	1SS133-T2 MTZJ5.6B-T2	DIODE Z DIODE		C432 C433	QETN1EM-476Z QETN1EM-476Z	E CAPACITOR E CAPACITOR	47uF 25V M 47uF 25V M
D707 D708	MTZJ5.6B-T2 MTZJ5.6B-T2	Z DIODE Z DIODE		C435	NCB21HK-183X	C CAPACITOR	0.018uF 50V K
D709 D723	MTZJ5.6B-T2 MTZJ5.6B-T2	Z DIODE Z DIODE		C440 C501	QCS32HJ-220Z QCB32HK-151Z	C CAPACITOR C CAPACITOR	22pF 500V J 150pF 500V K
△ D901	GSIB460-S1	BRIDGE DIODE		C502 C503	QCB32HK-331Z QEHR2CM-105Z	C CAPACITOR E CAPACITOR	330pF 500V K 1uF 160V M
D910 D911	MA700A-T2 RGP10J-5025-T3	SB DIODE SI DIODE		C504 C507	QEZ0203-107 QEM61HK-475Z	E CAPACITOR E CAPACITOR	100uF 160V M
D912 D913	RGP10J-5025-T3 RGP10J-5025-T3	SI DIODE SI DIODE		C508	QEM61HK-475Z	E CAPACITOR	4.7uF 50V K 4.7uF 50V K
D914 D915	1SS133-T2 SARS01-T2	DIODE SI DIODE		∆C510 ∆C513	QFZ0200-502 QFZ0198-133	MPP CAPACITOR MPP CAPACITOR	5000pF 1.5kV H 0.013uF 1.5KV
D917	MTZJ30A-T2	Z DIODE		C514 C515	QFP32GJ-183 QFZ0199-534	PP CAPACITOR MPP CAPACITOR	0.018uF 400V J 0.53uF250V M
D918 D920	MTZJ5.1C-T2 1SS133-T2	Z DIODE DIODE		C516 C521	QCB32HK-561Z QETN2EM-106Z	C CAPACITOR E CAPACITOR	560pF 500V K 10uF 250V M
D931 D933	RU30A-F1 RU3YX-LFC4	SI DIODE SI DIODE		C523 C525	QEHR1VM-108Z QETN1VM-107Z	E CAPACITOR E CAPACITOR	1000uF 35V M 100uF 35V M
D935	RU3YX-LFC4	SI DIODE		C526	QFV21HJ-824Z	MF CAPACITOR	0.82uF 50V J

Part Name

ΔRef No.	Part No.	Part Name	Description Local	ΔRef No.	Part No.	Part Name	Description Local
C527	QFLC2AJ-103Z	M CAPACITOR	0.01uF 100V J	R113	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C531	QCB32HK-102Z	C CAPACITOR	1000pF 500V K	R115	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C533	QETN1HM-106Z	E CAPACITOR	10uF 50V M	R116	NRSA63J-680X	MG RESISTOR	68Ω 1/16W J
C601	QETN1EM-476Z	E CAPACITOR	47uF 25V M	R117	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J
C602	QETN1EM-476Z	E CAPACITOR	47uF 25V M	R118	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J
C603	QETN1EM-476Z	E CAPACITOR	47uF 25V M	R131	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
C609	QFVF1HJ-104Z	MF CAPACITOR	0.1uF 50V J	R132	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J
C610	QFVF1HJ-104Z	MF CAPACITOR	0.1uF 50V J	R133	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J
C611	QFVF1HJ-104Z	MF CAPACITOR	0.1uF 50V J	R134	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J
C612	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R135	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
C613	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R161	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
C614	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R162	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C621	NCB31HK-102X	C CAPACITOR	1000pF 50V K	R163	NRSA63J-223X	MG RESISTOR MG RESISTOR	22kΩ 1/16W J
C622	NCF21CZ-105X	C CAPACITOR	1uF 16V Z	R164	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
C623	NCB31HK-102X	C CAPACITOR	1000pF 50V K	R165	NRSA63J-223X		22kΩ 1/16W J
C624	NCF21CZ-105X	C CAPACITOR	1uF 16V Z	R166	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
C625	QETN1CM-107Z	E CAPACITOR	100uF 16V M	R167	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
C626	QETN1EM-108Z	E CAPACITOR	1000uF 25V M	R168	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C627	QETN1HM-474Z	E CAPACITOR	0.47uF 50V M	R169	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J
C628	QETN1EM-108Z	E CAPACITOR	1000uF 25V M	R171	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
C629	QETN1EM-108Z	E CAPACITOR	1000uF 25V M	R201	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J
C636	QETN1HM-105Z	E CAPACITOR	1uF 50V M	R212	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J
C637	QETN1HM-105Z	E CAPACITOR	1uF 50V M	R215	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J
C700	NCB31HK-102X	C CAPACITOR	1000pF 50V K	R216	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J
C701	QETN1HM-106Z	E CAPACITOR	10uF 50V M	R217	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
C702	QETN1HM-106Z	E CAPACITOR	10uF 50V M	R222	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C703	QETN1HM-106Z	E CAPACITOR	10uF 50V M	R227	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J
C704	QETN1CM-107Z	E CAPACITOR	100uF 16V M	R231	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J
C705	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R237	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J
C706	QETN1HM-105Z	E CAPACITOR	1uF 50V M	R238	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J
C708	NDC31HJ-220X	C CAPACITOR	22pF 50V J	R241	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
C709	NDC31HJ-220X	C CAPACITOR	22pF 50V J	R243	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J
C711	QETN1CM-107Z	E CAPACITOR	100uF 16V M	R281	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J
C712	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R282	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J
C716	QETN1HM-106Z	E CAPACITOR	10uF 50V M	R283	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J
C728	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R286	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
C807	QETN1AM-477Z	E CAPACITOR	470uF 10V M	R287	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C815	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R288	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J
C853	QETN1CM-227Z	E CAPACITOR	220uF 16V M	R289	NRSA63J-154X	MG RESISTOR	150kΩ 1/16W J
C854	QETN1CM-227Z	E CAPACITOR	220uF 16V M	R290	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J
C856	QETN1CM-227Z	E CAPACITOR	220uF 16V M	R292	NRSA63J-124X	MG RESISTOR	120kΩ 1/16W J
C857	QETN1CM-477Z	E CAPACITOR	470uF 16V M	R293	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J
∆C901	QFZ9072-104	MM CAPACITOR	0.1uF AC250V K	R301	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
∆C902	QFZ9072-473	MM CAPACITOR	0.047uF AC250V K	R302	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
 ∆C904	QCZ9054-102	C CAPACITOR	1000pF AC250V Z	R303	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
∆C905	QCZ9054-102	C CAPACITOR	1000pF AC250V Z	R304	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
∆C906	QCZ9054-102	C CAPACITOR	1000pF AC250V Z	R305	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C907	QEZ0169-477	E CAPACITOR	470uF 200V M	R306	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
∆ C908	QCZ9054-102	C CAPACITOR	1000pF AC250V Z	R354	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C912	QCZ0340-222	C CAPACITOR	2200pF 2kV K	R355	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C913	QFLC1HJ-471Z	M CAPACITOR	470pF 50V J	R356	NRSA63J-123X	MG RESISTOR	12kΩ 1/16W J
C914	QETN1HM-107Z	E CAPACITOR	100uF 50V M	R359	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
C916	NDC31HJ-331X	C CAPACITOR	330pF 50V J	R360	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C917	NCB31HK-182X	C CAPACITOR	1800pF 50V K	R421	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J
C918	NCB21HK-104X	C CAPACITOR	0.1uF 50V K	R423	NRSA63J-393X	MG RESISTOR	39kΩ 1/16W J
C919	QFP32GJ-103	PP CAPACITOR	0.01uF 400V J	R424	NRSA63J-393X	MG RESISTOR	39kΩ 1/16W J
C931	QEZ0203-107	E CAPACITOR	100uF 160V M	R426	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J
C933	QETN1CM-108Z	E CAPACITOR	1000uF 16V M	R427	QRT029J-1R5	MF RESISTOR	1.5Ω 2W J
C934	NDC31HJ-151X	C CAPACITOR	150pF 50V J	R429	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J
C935	QETN1EM-108Z	E CAPACITOR	1000uF 25V M	R430	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C937	QCZ0340-102	C CAPACITOR	1000pF 2kV K	R431	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J
C938	QETN1CM-477Z	E CAPACITOR	470uF 16V M	R432	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C939	QCB32HK-152Z	C CAPACITOR	1500pF 500V K	R433	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J
C941	QCB32HK-102Z	C CAPACITOR	1000pF 500V K	R434	QRL029J-181	OMF RESISTOR	180Ω 2W J
C942	QEHR1HM-105Z	E CAPACITOR	1uF 50V M	R435	QRE121J-102Y	C RESISTOR	1kΩ 1/2W J
C951	QETN1EM-477Z	E CAPACITOR	470uF 25V M	R441	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C952	QETN1CM-227Z	E CAPACITOR	220uF 16V M	R447	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J
C971	QETN1CM-107Z	E CAPACITOR	100uF 16V M	R448	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J
C972	QETN1EM-476Z	E CAPACITOR	47uF 25V M	R449	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
C973	QETN1HM-106Z	E CAPACITOR	10uF 50V M	R501	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
∆C997	QCZ9052-102	C CAPACITOR	1000pF AC250V M	R502	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J
∆C998	QCZ9074-103	C CAPACITOR	0.01uF 250V	R503	QRE121J-103Y	C RESISTOR	10kΩ 1/2W J
∆ C999	QCZ9074-103	C CAPACITOR	0.01uF 250V	R504 R505	QRL039J-102 QRL039J-102	OMF RESISTOR OMF RESISTOR	1kΩ 3W J 1kΩ 3W J
R002	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R511	QRE121J-220Y	C RESISTOR	22Ω 1/2W J
R003	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R512	QRE121J-681Y	C RESISTOR	680Ω 1/2W J
R004	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R523	QRJ146J-333X	UNF C RESISTOR	33kΩ 1/4W J
R005	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R526	QRE121J-272Y	C RESISTOR	2.7kΩ 1/2W J
R008	NRSA63J-820X	MG RESISTOR	82Ω 1/16W J	R527	QRE121J-154Y	C RESISTOR	150kΩ 1/2W J
R009	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	R528	QRE121J-154Y	C RESISTOR	150kΩ 1/2W J
R101	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	R529	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J
R102	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	R531	QRJ146J-391X	UNF C RESISTOR	390Ω 1/4W J
R103	QRE121J-101Y	C RESISTOR	100Ω 1/2W J	R532	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J
R104	NRSA63J-180X	MG RESISTOR	18Ω 1/16W J	R533	NRSA63J-123X	MG RESISTOR	12kΩ 1/16W J
R105	NRSA63J-270X	MG RESISTOR	27Ω 1/16W J	R534	NRSA63J-123X	MG RESISTOR	12kΩ 1/16W J
R111	NRSA63J-394X	MG RESISTOR	390kΩ 1/16W J	 ∆R535	NRVA02D-222X	CMF RESISTOR	2.2kΩ 1/10W D
R112	NRSA63J-334X	MG RESISTOR	330kΩ 1/16W J	∆ R537	NRVA02D-752X	CMF RESISTOR	7.5kΩ 1/10W D

Ref No.	Part No.	Part Name	Description Local	Ref No.	Part No.	Part Name	Description Local
R538 R543 R544 R545 R546	NRSA63J-333X QRE121J-122Y QRE121J-392Y QRE121J-822Y NRSA63J-331X	MG RESISTOR C RESISTOR C RESISTOR C RESISTOR MG RESISTOR	33kΩ 1/16W J 1.2kΩ 1/2W J 3.9kΩ 1/2W J 8.2kΩ 1/2W J 330Ω 1/16W J	R979 R980 △ R998 R999	QRT029J-1R2 QRT029J-1R2 QRZ9041-275 QRE121J-121Y	MF RESISTOR MF RESISTOR C RESISTOR C RESISTOR	1.2Ω 2W J 1.2Ω 2W J 2.7MΩ 1/2W K 120Ω 1/2W J
R547 R548 R553 ∆ R554	NRSA63J-104X QRE121J-152Y QRL039J-180 QRK126J-150X	MG RESISTOR C RESISTOR OMF RESISTOR UNF C RESISTOR	100kΩ 1/16W J 1.5kΩ 1/2W J 18Ω 3W J 15Ω 1/2W J	L001 L101 L113 L131	QQL244K-560Z QQLZ014-R22 QQL244K-4R7Z QQL244K-150Z	COIL COIL COIL	56uH K 0.22uH 100mA L 4.7uH K 15uH K
R555 R601 R602 R603 R610	QRX029J-3R3 NRSA63J-750X NRSA63J-750X NRSA63J-750X NRSA63J-0R0X	MF RESISTOR MG RESISTOR MG RESISTOR MG RESISTOR MG RESISTOR	3.3Ω 2W J 75Ω 1/16W J 75Ω 1/16W J 75Ω 1/16W J 0Ω 1/16W J	L161 L232 L241 L391 L511	QQL244K-220Z QQL244K-560Z QQL244K-220Z QQL244K-220Z QQR1027-003	COIL COIL COIL COIL LINEARITY COIL	22uH K 56uH K 22uH K 22uH K
R611 R612 R613 R621 R622	NRSA63J-0R0X NRSA63J-0R0X NRSA63J-0R0X NRSA63J-682X NRSA63J-681X	MG RESISTOR MG RESISTOR MG RESISTOR MG RESISTOR MG RESISTOR	0Ω 1/16W J 0Ω 1/16W J 0Ω 1/16W J 6.8kΩ 1/16W J 680Ω 1/16W J	L512 L521 L701 L702 L704	QQLZ036-821 QQLZ026-121 QQL244K-220Z QQL244K-220Z QQL244K-220Z	COIL COIL COIL COIL COIL	820uH K 120uH ±7% 22uH K 22uH K 22uH K
R623 R624 R626 R627 R631	NRSA63J-682X NRSA63J-681X NRSA63J-223X NRSA63J-223X NRSA63J-333X	MG RESISTOR MG RESISTOR MG RESISTOR MG RESISTOR MG RESISTOR MG RESISTOR	6.8kΩ 1/16W J 680Ω 1/16W J 22kΩ 1/16W J 22kΩ 1/16W J 33kΩ 1/16W J	L705 L931 L933 L940 T111	QQL244K-220Z QQL26AK-470Z QQL26AK-470Z QQR0582-001Z QQR0907-001	COIL COIL COIL FERRITE BEADS IFT	22uH K 47uH K 47uH K
R632 R638 R639 R651 R652	NRSA63J-223X NRSA63J-0R0X NRSA63J-0R0X NRSA63J-0R0X NRSA63J-0R0X	MG RESISTOR MG RESISTOR MG RESISTOR MG RESISTOR MG RESISTOR MG RESISTOR	22kΩ 1/16W J 0Ω 1/16W J 0Ω 1/16W J 0Ω 1/16W J 0Ω 1/16W J	T501 ▲T502 ▲T921 ▲T951	CE42034-002 QQH0121-001 QQS0138-001 QQT0372-001	HOR DRIVE TRANS FB TRANSF SW TRANSF POWER TRANSF	
R653 R700 R701 R702	NRSA63J-0R0X NRSA63J-102X NRSA63J-103X NRSA63J-102X	MG RESISTOR MG RESISTOR MG RESISTOR MG RESISTOR	0Ω 1/16W J 1kΩ 1/16W J 10kΩ 1/16W J 1kΩ 1/16W J	CF001 CF131 CF161 CN001	QAX0349-001 QAX0639-001Z QAX0642-001Z QGB150511-35	C TRAP C TRAP C FILTER CONNECTOR	47.25MHz 4.500MHz 4.500MHz B-B (1-35)
R704 R705 R706 R707 R708	NRSA63J-472X NRSA63J-472X NRSA63J-472X NRSA63J-103X NRSA63J-101X	MG RESISTOR MG RESISTOR MG RESISTOR MG RESISTOR MG RESISTOR	4.7kΩ 1/16W J 4.7kΩ 1/16W J 4.7kΩ 1/16W J 10kΩ 1/16W J 100Ω 1/16W J	CN004 CN005 CN007 CN00C CN0B1	QGA2501C5-05Z QGA2501C5-04Z QGA2501C5-06Z QGA2501F1-06 QGA2501C5-03Z	CONNECTOR CONNECTOR CONNECTOR CONNECTOR CONNECTOR	W-B (1-5) W-B (1-4) W-B (1-6) W-B (1-6) W-B (1-3)
R709 R715 R718 R721 R728	NRSA63J-101X NRSA63J-103X NRSA63J-223X NRSA63J-102X NRSA63J-102X	MG RESISTOR MG RESISTOR MG RESISTOR MG RESISTOR MG RESISTOR	100Ω 1/16W J 10kΩ 1/16W J 22kΩ 1/16W J 1kΩ 1/16W J 1kΩ 1/16W J	CN0E1 CN0HV CN0S1 CN0SS &CP932	CE41507-001P QGZ5004C1-06 QGA2501C5-03Z QGA2501C5-04Z ICP-N70-T	LV CONNECTOR CONNECTOR CONNECTOR CONNECTOR IC PROTECTOR	(1-6) W-B (1-3) W-B (1-4) 2.5A
R729 R731 R732 R733 R734	NRSA63J-223X NRSA63J-101X NRSA63J-101X NRSA63J-472X NRSA63J-472X	MG RESISTOR MG RESISTOR MG RESISTOR MG RESISTOR MG RESISTOR	22kΩ 1/16W J 100Ω 1/16W J 100Ω 1/16W J 4.7kΩ 1/16W J 4.7kΩ 1/16W J	△CP936 △F901 △F905 FC901 FC902	ICP-N70-T QMF0007-5R0J1 QMFZ049-5R0Z-E CEMG002-001Z CEMG002-001Z	IC PROTECTOR FUSE FUSE FUSE CLIP FUSE CLIP	2.5A 5A 5A 125V
R739 R740 R764 R765 R766	NRSA63J-0R0X NRSA63J-103X NRSA63J-221X NRSA63J-221X NRSA63J-221X	MG RESISTOR MG RESISTOR MG RESISTOR MG RESISTOR MG RESISTOR	0Ω 1/16W J 10kΩ 1/16W J 220Ω 1/16W J 220Ω 1/16W J 220Ω 1/16W J	△FR525 △FR527 HS001 HS002 HS003	QRZ9017-4R7 QRZ9011-470 CEHE011-001WU LC31678-001A LC31677-001A	FUSI RESISTOR FUSI RESISTOR HEAT SINK HEAT SINK/AL-F/ HEAT SINK/AL-F/	4.7Ω 1/4W J 47Ω 1/2W J
R767 R769 R772 R811	NRSA63J-221X NRSA63J-682X NRSA63J-103X NRSA63J-473X	MG RESISTOR MG RESISTOR MG RESISTOR MG RESISTOR	220Ω 1/16W J 6.8kΩ 1/16W J 10kΩ 1/16W J 47kΩ 1/16W J	HS004 HS005 HS007 J601	CEHE015-001WU CM42862-00G-H CEHT11B-002QS QNN0349-002	HEAT SINK HEAT SINK ASSY HEAT SINK PIN JACK	COMP IN
R816 R821 R822 R827 R855	NRSA63J-124X NRSA63J-184X NRSA63J-0R0X NRSA63J-102X QRG039J-100	MG RESISTOR MG RESISTOR MG RESISTOR MG RESISTOR OMF RESISTOR	120kΩ 1/16W J 180kΩ 1/16W J 0Ω 1/16W J 1kΩ 1/16W J 10Ω 3W J	K401 K912 K916 K917 K918	QQR0621-002Z QQR0582-001Z QQR0582-001Z QQR0582-001Z QQR0582-001Z	FERRITE BEADS FERRITE BEADS FERRITE BEADS FERRITE BEADS FERRITE BEADS	
R857 R858 R901 R909 R911	QRL029J-470 QRL029J-820 QRF074K-R47 QRG01GJ-470 QRE121J-223Y	OMF RESISTOR OMF RESISTOR UNF WW RESISTOR OMF RESISTOR C RESISTOR	47Ω 2W J 82Ω 2W J 0.47Ω 7W K 47Ω 1W J 22kΩ 1/2W J	K931 K932 K933 K935 LC601	QQR0582-001Z QQR0582-001Z QQR0621-002Z QQR0582-001Z QQR1199-001	FERRITE BEADS FERRITE BEADS FERRITE BEADS FERRITE BEADS EMI FILTER	
R912 R913 △\R914 - △\R915 - △\R917	QRT029J-R22 QRT029J-R22 QRK126J-681X QRK129J-6R8 QRK126J-332X	MF RESISTOR MF RESISTOR UNF C RESISTOR UNF C RESISTOR UNF C RESISTOR	0.22Ω 2W J 0.22Ω 2W J 680Ω 1/2W J 6.8Ω 1/2W J 3.3kΩ 1/2W J	LC602 LC603 △LF901 △RY951 S421	QQR1199-001 QQR1199-001 QQR1085-003 QSK0086-001 QSL4A13-C02	EMI FILTER EMI FILTER LINE FILTER RELAY LEVER SWITCH	V CENTER
R918 R919 R924 R930 R939	QRE121J-222Y QRE121J-684Y QRE121J-222Y QRE121J-223Y QRT039J-2R2	C RESISTOR C RESISTOR C RESISTOR C RESISTOR MF RESISTOR	2.2kΩ 1/2W J 680kΩ 1/2W J 2.2kΩ 1/2W J 22kΩ 1/2W J 22kΩ 3/2W J 2.2Ω 3W J	SF101 ATH901 ATU001 AVA901 W1	QAX0723-001 QAD0132-3R0 QAU0305-001 ERZV10V621CS NRSA63J-0R0X	SAW FILTER P THERMISTOR TUNER ZNR MG RESISTOR	3Ω 0Ω 1/16W J
R940 R941 R950 R951	QRE121J-181Y QRL029J-183 NRSA63J-0R0X NRSA63J-473X	C RESISTOR OMF RESISTOR MG RESISTOR MG RESISTOR MG RESISTOR MG RESISTOR	180Ω 1/2W J 18kΩ 2W J 0Ω 1/16W J 47kΩ 1/16W J	W2 W3 W4 W5	NRSA63J-0R0X NRSA63J-0R0X NRSA63J-0R0X NRSA63J-0R0X	MG RESISTOR MG RESISTOR MG RESISTOR MG RESISTOR MG RESISTOR MG RESISTOR	0Ω 1/16W J 0Ω 1/16W J 0Ω 1/16W J 0Ω 1/16W J
R952 R953 R973 R975 R977 R978	NRSA63J-102X QRE121J-820Y QRE121J-272Y QRE121J-223Y QRE121J-473Y NRSA63J-333X	C RESISTOR C RESISTOR C RESISTOR C RESISTOR C RESISTOR MG RESISTOR	1kΩ 1/16W J 82Ω 1/2W J 2.7kΩ 1/2W J 22kΩ 1/2W J 47kΩ 1/2W J 33kΩ 1/16W J	W6 W7 W8 W9 W10 W11	NRSA63J-0R0X NRSA63J-0R0X NRSA63J-0R0X NRSA63J-0R0X NRSA63J-0R0X NRSA63J-0R0X	MG RESISTOR MG RESISTOR MG RESISTOR MG RESISTOR MG RESISTOR MG RESISTOR	0Ω 1/16W J 0Ω 1/16W J 0Ω 1/16W J 0Ω 1/16W J 0Ω 1/16W J 0Ω 1/16W J

ÆRef No.	Part No.	Part Name	Description Local
W12 W13 W14 W15 W16 W17 W18 W19 W20 W21 W22 W23 W24	NRSA63J-0R0X NRSA63J-0R0X NRSA63J-0R0X NRSA63J-0R0X NRSA63J-0R0X NRSA63J-0R0X NRSA63J-0R0X NRSA63J-0R0X NRSA63J-0R0X NRSA63J-0R0X NRSA63J-0R0X NRSA63J-0R0X NRSA63J-0R0X NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J 0Ω 1/16W J
W25 W26 W27 W28 X701 Y402 Y405 Y411 Y414 Y701	NRSA63J-0R0X NRSA63J-0R0X NRSA63J-0R0X NRSA63J-0R0X QAX0717-001Z NRSA63J-0R0X NRSA63J-0R0X NRSA63J-0R0X NRSA63J-0R0X QRE141J-0R0Y	MG RESISTOR MG RESISTOR MG RESISTOR MG RESISTOR CRYSTAL MG RESISTOR MG RESISTOR MG RESISTOR MG RESISTOR MG RESISTOR C RESISTOR	0Ω 1/16W J 0Ω 1/16W J 0Ω 1/16W J 0Ω 1/16W J 8.000MHz 0Ω 1/16W J 0Ω 1/16W J 0Ω 1/16W J 0Ω 1/16W J 0Ω 1/16W J 0Ω 1/16W J

AV SELECTER PW BOARD ASS'Y (SGE-5062A-M2)

REFER TO PARTS LIST IN PAGE 3-8 FOR THIS P.W. BOARD.

FRONT TERMINAL PW BOARD ASS'Y (SGE-6061A-M2)

REFER TO PARTS LIST IN PAGE 3-9 FOR THIS P.W. BOARD.

FRONT CONTROL PW BOARD ASS'Y (SGE-7061A-M2)

REFER TO PARTS LIST IN PAGE 3-9 FOR THIS P.W. BOARD.

CRT SOCKET PW BOARD ASS'Y (SGE-3062A-M2)

⚠Ref No.	Part No.	Part Name	Description Local
Q3351 Q3352 Q3353 Q3391	2SC4544-LB 2SC4544-LB 2SC4544-LB 2SA933AS/QR/-T	POW TRANSISTOR POW TRANSISTOR POW TRANSISTOR TRANSISTOR	
D3389 D3390 D3391 D3393 D3394 D3395	MTZJ5.1A-T2 1SS133-T2 1SS133-T2 1SS133-T2 1SS133-T2 1SS133-T2	Z DIODE DIODE DIODE DIODE DIODE DIODE DIODE	
C3354 C3355 C3356 C3357 C3382 C3391 C3392	NDC31HJ-331X NDC31HJ-331X NDC31HJ-391X QETN1CM-107Z QCZ0121-102 QETN1AM-227Z NDC31HJ-101X	C CAPACITOR C CAPACITOR C CAPACITOR E CAPACITOR C CAPACITOR E CAPACITOR C CAPACITOR	330pF 50V J 330pF 50V J 390pF 50V J 100uF 16V M 1000pF 3KV 220uF 10V M 100pF 50V J
R3354 R3355 R3356 R3357 R3358 R3369 R3360 R3361 R3365 R3365 R3366 R3367 R3368 R3374 R3375 R3374 R3375 R3377 R3371 R3371 R3391 R3391 R3392 R3393 R3394 R3395	NRSA63J-181X NRSA63J-181X NRSA63J-101X NRSA63J-101X NRSA63J-101X NRSA63J-101X QRZ0111-152 QRZ0111-152 QRZ0111-152 QRG029J-103 QRG029J-103 QRG029J-103 NRSA63J-222X NRSA63J-222X NRSA63J-222X NRSA63J-221X NRSA63J-221X NRSA63J-221X NRSA63J-221X NRSA63J-221X NRSA63J-221X NRSA63J-0R0X NRSA63J-0R0X NRSA63J-100X QRE121J-394Y NRSA63J-102X NRSA63J-102X NRSA63J-102X NRSA63J-102X NRSA63J-102X	MG RESISTOR MG RESISTOR MG RESISTOR MG RESISTOR MG RESISTOR MG RESISTOR C RESISTOR C RESISTOR C RESISTOR OMF RESISTOR OMF RESISTOR OMF RESISTOR OMF RESISTOR MG RESISTOR	180Ω 1/16W J 180Ω 1/16W J 180Ω 1/16W J 100Ω 1/16W J 100Ω 1/16W J 100Ω 1/16W J 100Ω 1/16W J 1.5kΩ 1/2W K 1.5kΩ 1/2W K 1.5kΩ 1/2W K 1.5kΩ 1/2W K 1.5kΩ 1/6W J 2.2kΩ 1/16W J 2.2kΩ 1/16W J 2.2kΩ 1/16W J 2.2kΩ 1/16W J 2.20Ω 1/16W J 20Ω 1/16W J 0Ω 1/16W J 0Ω 1/16W J 0Ω 1/16W J 0Ω 1/16W J 3.9kΩ 1/2W J 1.5kΩ 1/16W J
L3381	QQL244K-101Z	PEAKING COIL	100uH K
∆SK3351 W3001	QNZ0537-001 NRSA02J-0R0X	CRT SOCKET MG RESISTOR	0Ω 1/10W J

Description Local

[AV-32432/MA] MAIN PW BOARD ASS'Y (SGE-1061A-M2)

MAIN P	W BOARD AS	S'Y (SGE-1061A	\-M2)				
⚠Ref No.	Part No.	Part Name	Description Local	D941 D945 D952	MTZJ33A-T2 MTZJ9.1B-T2 1SS133-T2	Z DIODE Z DIODE DIODE	
IC101	M52342SP	IC		D953 D954	1SS133-T2 1N4002G-T2	DIODE SI DIODE	
IC201 IC421	TM8812CPDNG4N35 LA7841	IC		D955 D956	1N4002G-T2 1N4002G-T2	SI DIODE SI DIODE	
IC621 IC702	LA4485 AT24C04W-32430	IC IC	(SERVICE)	D957 D972	1N4002G-T2 1N4002G-T2 MTZJ15C-T2	SI DIODE Z DIODE	
IC703 IC704	S-80840CNY-T AN78L05-T	IC IC	, ,	D972 D973	1SS133-T2	DIODE	
IC852 IC853	AN7809F AN7805F	IC IC		△ PC921	TLP421F/D4-GR/	PHOTO COUPLER	
ΔIC911 ΔIC921	STR-G6624/F8 SE135N	IC IC		C001	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M
Q001	UN2212-X	DIGI TRANSISTOR		C003 C004	QETN1HM-106Z QETN1CM-108Z	E CAPACITOR E CAPACITOR	10uF 50V M 1000uF 16V M
Q101 Q131	2SC5083/L-P/-T 2SB709A/QR/-X	TRANSISTOR TRANSISTOR		C006 C101	QETN1EM-476Z NCB31HK-103X	E CAPACITOR C CAPACITOR	47uF 25V M 0.01uF 50V K
Q161 Q211	2SD601A/QR/-X 2SD601A/QR/-X	TRANSISTOR		C102 C104	NCB31HK-103X NCB31HK-103X	C CAPACITOR C CAPACITOR	0.01uF 50V K 0.01uF 50V K
Q232	2SD601A/QR/-X	TRANSISTOR TRANSISTOR		C105 C106	NCB31HK-103X QETN1EM-476Z	C CAPACITOR E CAPACITOR	0.01uF 50V K 47uF 25V M
Q233 Q352	2SD601A/QR/-X 2SD601A/QR/-X	TRANSISTOR TRANSISTOR		C107 C113	NCB31HK-103X NCB31HK-103X	C CAPACITOR C CAPACITOR	0.01uF 50V K 0.01uF 50V K
Q431 Q501	UN2212-X 2SC4212/Z1/	DIGI TRANSISTOR TRANSISTOR		C114 C116	NCB31HK-103X QFVF1HJ-224Z	C CAPACITOR MF CAPACITOR	0.01uF 50V K 0.22uF 50V J
∆ Q511 Q531	2SD2645-YD 2SC2785/JH/-T	TRANSISTOR SI TRANSISTOR	H OUT	C117	QETN1EM-476Z	E CAPACITOR	47uF 25V M
Q532 Q541	2SB709A/QR/-X 2SB709A/QR/-X	TRANSISTOR TRANSISTOR		C118 C119	NCB31HK-103X NDC31HJ-681X	C CAPACITOR C CAPACITOR	0.01uF 50V K 680pF 50V J
Q542	2SB709A/QR/-X	TRANSISTOR		C120 C124	QETN1HM-474Z NCB31HK-103X	E CAPACITOR C CAPACITOR	0.47uF 50V M 0.01uF 50V K
Q543 Q622	2SD1408/OY/-LB 2SD601A/QR/-X	POW TRANSISTOR TRANSISTOR		C131 C161	NCB31HK-103X QETN1HM-106Z	C CAPACITOR E CAPACITOR	0.01uF 50V K 10uF 50V M
Q623 Q701	UN2212-X 2SB709A/QR/-X	DIGI TRANSISTOR TRANSISTOR		C163 C164	NDC31HJ-470X NDC31HJ-470X	C CAPACITOR C CAPACITOR	47pF 50V J 47pF 50V J
Q951 Q971	2SD1383K/AB/-X 2SA1208/ST/Z1-T	TRANSISTOR TRANSISTOR		C165 C166	NCB31HK-103X NCB31HK-103X	C CAPACITOR C CAPACITOR	0.01uF 50V K 0.01uF 50V K
D305	1SS133-T2	DIODE		C202	QETN1HM-105Z	E CAPACITOR	1uF 50V M
D306 D307	1SS133-T2 1SS133-T2	DIODE DIODE		C203 C211	NCB31HK-152X QENC1CM-106Z	C CAPACITOR BP E CAPACITOR	1500pF 50V K 10uF_16V M
D308 D309	1SS133-T2 1SS133-T2	DIODE DIODE		C212 C221	NDC31HJ-100X QETN1HM-106Z	C CAPACITOR E CAPACITOR	10pF 50V J 10uF 50V M
D310	1SS133-T2	DIODE		C222 C223	QFVF1HJ-104Z NCB31HK-103X	MF CAPACITOR C CAPACITOR	0.1uF 50V J 0.01uF 50V K
D352 D353	MTZJ9.1C-T2 1SS133-T2	Z DIODE DIODE		C233 C237	NDC31HJ-680X NCB31HK-103X	C CAPACITOR C CAPACITOR	68pF 50V J 0.01uF 50V K
D354 D421	MTZJ3.3A-T2 1N4003-T2	Z DIODE SI DIODE		C241 C242	NCB31HK-103X QETN1HM-225Z	C CAPACITOR E CAPACITOR	0.01uF 50V K 2.2uF 50V M
D422 D432	MTZJ75-T2 1SS133-T2	Z DIODE DIODE		C243 C244	QETN1CM-107Z NCB31HK-103X	E CAPACITOR C CAPACITOR	100uF 16V M 0.01uF 50V K
D501 D502	RH3G-F1 RU3AM-LFC4	SI DIODE SI DIODE		C281 C282	QFVF1HJ-474Z	MF CAPACITOR E CAPACITOR	0.47uF 50V J
D521 D523	RH1S-T3 RGP10J-5025-T3	SI DIODE SI DIODE		C283	QETN1CM-107Z NCB31HK-103X	C CAPACITOR	100uF 16V M 0.01uF 50V K
D525 D526	1SS81-T5 1SS81-T5	SI DIODE SI DIODE		C284 C285	QETN1HM-225Z NCB31HK-103X	E CAPACITOR C CAPACITOR	2.2uF 50V M 0.01uF 50V K
D527	1SR124-400A-T2	SI DIODE		C286 C287	QETN1HM-106Z QETN1CM-107Z	E CAPACITOR E CAPACITOR	10uF 50V M 100uF 16V M
D529 ΔD531	MTZJ5.1C-T2 MA4068N/Z1/-T2	Z DIODE Z DIODE		C288 C352	NCB31HK-103X QETN1CM-336Z	C CAPACITOR E CAPACITOR	0.01uF 50V K 33uF 16V M
D535 D537	1SS133-T2 1SR35-400A-T2	DIODE SI DIODE		C354 C391	NCB31HK-103X QETN1CM-107Z	C CAPACITOR E CAPACITOR	0.01uF 50V K 100uF 16V M
D601 D602	MTZJ9.1C-T2 MTZJ9.1C-T2	Z DIODE Z DIODE		C392 C422	NCB31HK-103X QFN32AJ-102Z	C CAPACITOR M CAPACITOR	0.01uF 50V K 1000pF 100V J
D603 D700	MTZJ9.1C-T2 MTZJ5.6B-T2	Z DIODE Z DIODE		C424 C425	QETN1VM-107Z QETN1VM-477Z	E CAPACITOR E CAPACITOR	100uF 35V M 470uF 35V M
D701 D703	1SS133-T2 MTZJ5.6B-T2	DIODE Z DIODE		C427	QETN1HM-105Z	E CAPACITOR E CAPACITOR	1uF 50V M
D704 D705	MTZJ5.6B-T2 1SS133-T2	Z DIODE DIODE		C428 C431	QETM1EM-228 QFLC2AK-563Z	M CAPACITOR	2200uF 25V M 0.056uF 100V K
D706 D707	MTZJ5.6B-T2 MTZJ5.6B-T2	Z DIODE Z DIODE		C432 C433	QETN1EM-476Z QETN1EM-476Z	E CAPACITOR E CAPACITOR	47uF 25V M 47uF 25V M
D708	MTZJ5.6B-T2 MTZJ5.6B-T2	Z DIODE Z DIODE Z DIODE		C435 C440	NCB21HK-183X QCS32HJ-220Z	C CAPACITOR C CAPACITOR	0.018uF 50V K 22pF 500V J
D709 D723	MTZJ5.6B-T2	Z DIODE		C501 C502	QCB32HK-151Z QCB32HK-331Z	C CAPACITOR C CAPACITOR	150pF 500V K 330pF 500V K
∆ D901 D910	GSIB460-S1 MA700A-T2	BRIDGE DIODE SB DIODE		C503 C504	QEHR2CM-105Z QEZ0203-107	E CAPACITOR E CAPACITOR	1uF 160V M 100uF 160V M
D911 D912	RGP10J-5025-T3 RGP10J-5025-T3	SI DIODE SI DIODE		C507 C508	QEM61HK-475Z QEM61HK-475Z	E CAPACITOR E CAPACITOR	4.7uF 50V K 4.7uF 50V K
D913 D914	RGP10J-5025-T3 1SS133-T2	SI DIODE DIODE		△ C510	QFZ0200-532	MPP CAPACITOR	5300pF 1.5kV H
D915 D917	SARS01-T2 MTZJ30A-T2	SI DIODE Z DIODE		∆C513 C514	QFZ0198-133 QFP32GJ-183	MPP CAPACITOR PP CAPACITOR	0.013uF 1.5KV 0.018uF 400V J
D918 D920	MTZJ5.1C-T2 1SS133-T2	Z DIODE DIODE		C515 C516	QFZ0199-564 QCB32HK-561Z	MPP CAPACITOR C CAPACITOR	0.56uF 250V 560pF 500V K
D931 D933	RU30A-F1 RU3YX-LFC4	SI DIODE SI DIODE		C521 C523	QETN2EM-106Z QEHR1VM-108Z	E CAPACITOR E CAPACITOR	10uF 250V M 1000uF 35V M
D935	RU3YX-LFC4 RU3YX-LFC4	SI DIODE		C525 C526	QETN1VM-107Z QFV21HJ-824Z	E CAPACITOR MF CAPACITOR	100uF 35V M 0.82uF 50V J

Part Name

	Part No.	Part Name	Description Local	Ref No.	Part No.	Part Name	Description Local
C527	QFLC2AJ-103Z	M CAPACITOR	0.01uF 100V J	R117	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J
C531	QCB32HK-102Z	C CAPACITOR	1000pF 500V K	R118	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J
C533	QETN1HM-106Z	E CAPACITOR	10uF 50V M	R131	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
C601	QETN1EM-476Z	E CAPACITOR	47uF 25V M	R132	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J
C602	QETN1EM-476Z	E CAPACITOR	47uF 25V M	R133	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J
C603	QETN1EM-476Z	E CAPACITOR	47uF 25V M	R134	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J
C609	QFVF1HJ-104Z	MF CAPACITOR	0.1uF 50V J	R135	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
C610	QFVF1HJ-104Z	MF CAPACITOR	0.1uF 50V J	R161	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
C611	QFVF1HJ-104Z	MF CAPACITOR	0.1uF 50V J	R162	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C621	NCB31HK-102X	C CAPACITOR	1000pF 50V K	R163	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J
C622	NCF21CZ-105X	C CAPACITOR	1uF 16V Z	R164	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
C623	NCB31HK-102X	C CAPACITOR	1000pF 50V K	R165	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J
C624	NCF21CZ-105X	C CAPACITOR	1uF 16V Z	R166	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
C625	QETN1CM-107Z	E CAPACITOR	100uF 16V M	R167	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
C626	QETN1EM-108Z	E CAPACITOR	1000uF 25V M	R168	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C627	QETN1HM-474Z	E CAPACITOR	0.47uF 50V M	R169	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J
C628	QETN1EM-108Z	E CAPACITOR	1000uF 25V M	R171	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
C629 C636	QETN1EM-108Z QETN1HM-105Z	E CAPACITOR E CAPACITOR	1000uF 25V M	R201 R212	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J 2.7kΩ 1/16W J
C637	QETN1HM-105Z	E CAPACITOR	1uF 50V M 1uF 50V M	R215	NRSA63J-272X NRSA63J-562X	MG RESISTOR MG RESISTOR	5.6kΩ 1/16W J
C700	NCB31HK-102X	C CAPACITOR	1000pF 50V K	R216	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J
C701	QETN1HM-106Z	E CAPACITOR	10uF 50V M	R217	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
C702	QETN1HM-106Z	E CAPACITOR	10uF 50V M	R222	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C703	QETN1HM-106Z	E CAPACITOR	10uF 50V M	R227	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J
C704	QETN1CM-107Z	E CAPACITOR	100uF 16V M	R231	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J
C705	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R237	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J
C706	QETN1HM-105Z	E CAPACITOR	1uF 50V M	R238	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J
C708	NDC31HJ-220X	C CAPACITOR	22pF 50V J	R241	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
C709	NDC31HJ-220X	C CAPACITOR	22pF 50V J	R243	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J
C711	QETN1CM-107Z	E CAPACITOR	100uF 16V M	R281	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J
C712	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R282	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J
C716	QETN1HM-106Z	E CAPACITOR	10uF 50V M	R283	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J
C728	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R286	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
C807	QETN1AM-477Z	E CAPACITOR	470uF 10V M	R287	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C815	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R288	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J
C853	QETN1CM-227Z	E CAPACITOR	220uF 16V M	R289	NRSA63J-154X	MG RESISTOR	150kΩ 1/16W J
C854 C856	QETN1CM-227Z	E CAPACITOR	220uF 16V M	R290	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J
C857	QETN1CM-227Z	E CAPACITOR	220uF 16V M	R292	NRSA63J-124X	MG RESISTOR	120kΩ 1/16W J
	QETN1CM-477Z	E CAPACITOR	470uF 16V M	R293	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J
∆C901	QFZ9072-104	MM CAPACITOR	0.1uF AC250V K	R301	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
∆C902	QFZ9072-473	MM CAPACITOR	0.047uF AC250V K	R302	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
∆C904	QCZ9054-102	C CAPACITOR	1000pF AC250V Z	R303	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
∆C905	QCZ9054-102	C CAPACITOR	1000pF AC250V Z	R304	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
 ∆C906	QCZ9054-102	C CAPACITOR	1000pF AC250V Z	R305	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C907	QEZ0169-477	E CAPACITOR	470uF 200V M	R306	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
∆ C908	QCZ9054-102	C CAPACITOR	1000pF AC250V Z	R354	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C912	QCZ0340-222	C CAPACITOR	2200pF 2kV K	R355	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C913	QFLC1HJ-471Z	M CAPACITOR	470pF 50V J	R356	NRSA63J-123X	MG RESISTOR	12kΩ 1/16W J
C914	QETN1HM-107Z	E CAPACITOR	100uF 50V M	R359	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
C916	NDC31HJ-331X	C CAPACITOR	330pF 50V J	R360	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C917	NCB31HK-182X	C CAPACITOR	1800pF 50V K	R421	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J
C918	NCB21HK-104X	C CAPACITOR	0.1uF 50V K	R423	NRSA63J-393X	MG RESISTOR	39kΩ 1/16W J
C919	QFP32GJ-103	PP CAPACITOR	0.01uF 400V J	R424	NRSA63J-393X	MG RESISTOR	39kΩ 1/16W J
C931	QEZ0203-107	E CAPACITOR	100uF 160V M	R426	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J
C933	QETN1CM-108Z	E CAPACITOR	1000uF 16V M	R427	QRT029J-1R5	MF RESISTOR	1.5Ω 2W J
C934	NDC31HJ-151X	C CAPACITOR	150pF 50V J	R429	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J
C935	QETN1EM-108Z	E CAPACITOR	1000uF 25V M	R430	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C937 C938	QCZ0340-102	C CAPACITOR	1000pF 2kV K	R431	NRSA63J-152X NRSA63J-101X	MG RESISTOR	1.5kΩ 1/16W J
C939	QETN1CM-477Z QCB32HK-152Z	E CAPACITOR C CAPACITOR	470uF 16V M 1500pF 500V K	R432 R433	NRSA63J-681X	MG RESISTOR MG RESISTOR	100Ω 1/16W J 680Ω 1/16W J
C941	QCB32HK-102Z	C CAPACITOR	1000pF 500V K	R434	QRL029J-221	OMF RESISTOR	220Ω 2W J
C942	QEHR1HM-105Z	E CAPACITOR	1uF 50V M	R435	QRE121J-102Y	C RESISTOR	1kΩ 1/2W J
C951	QETN1EM-477Z	E CAPACITOR	470uF 25V M	R441	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C952	QETN1CM-227Z	E CAPACITOR	220uF 16V M	R447	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J
C971	QETN1CM-107Z	E CAPACITOR	100uF 16V M	R448	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J
C972	QETN1EM-476Z	E CAPACITOR	47uF 25V M	R449	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
C973	QETN1HM-106Z	E CAPACITOR	10uF 50V M	R501	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
∆ C997	QCZ9052-102	C CAPACITOR	1000pF AC125V M	R502	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J
∆ C998	QCZ9074-103	C CAPACITOR	0.01uF 250V	R503	QRE121J-103Y	C RESISTOR	10kΩ 1/2W J
∆ C999	QCZ9074-103	C CAPACITOR	0.01uF 250V	R504 R505	QRL039J-102 QRL039J-102	OMF RESISTOR OMF RESISTOR	1kΩ 3W J 1kΩ 3W J
R002	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R511	QRE121J-220Y	C RESISTOR	22Ω 1/2W J
R003	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R512	QRE121J-681Y	C RESISTOR	680Ω 1/2W J
R004	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R523	QRJ146J-333X	UNF C RESISTOR	33kΩ 1/4W J
R005	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R526	QRE121J-272Y	C RESISTOR	2.7kΩ 1/2W J
R008	NRSA63J-820X	MG RESISTOR	82Ω 1/16W J	R527	QRE121J-154Y	C RESISTOR	150kΩ 1/2W J
R009	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	R528	QRE121J-154Y	C RESISTOR	150kΩ 1/2W J
R101	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	R529	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J
R102	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	R531	QRJ146J-391X	UNF C RESISTOR	390Ω 1/4W J
R103	QRE121J-101Y	C RESISTOR	100Ω 1/2W J	R532	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J
R104	NRSA63J-180X	MG RESISTOR	18Ω 1/16W J	R533	NRSA63J-123X	MG RESISTOR	12kΩ 1/16W J
R105	NRSA63J-270X	MG RESISTOR	27Ω 1/16W J	R534	NRSA63J-123X	MG RESISTOR	12kΩ 1/16W J
R111	NRSA63J-394X	MG RESISTOR	390kΩ 1/16W J	∆ R535	NRVA02D-222X	CMF RESISTOR	2.2kΩ 1/10W D
R112	NRSA63J-334X	MG RESISTOR	330kΩ 1/16W J	⚠R537	NRVA02D-752X	CMF RESISTOR	7.5kΩ 1/10W D
R113	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R538	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J
R115	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R543	QRE121J-122Y	C RESISTOR	1.2kΩ 1/2W J
R116	NRSA63J-680X	MG RESISTOR	68Ω 1/16W J	R544	QRE121J-392Y	C RESISTOR	3.9kΩ 1/2W J

ΔRef No.	Part No.	Part Name	Description Local	⚠Ref No.	Part No.	Part Name	Description Local
R545 R546	QRE121J-153Y NRSA63J-331X	C RESISTOR MG RESISTOR	15kΩ 1/2W J 330Ω 1/16W J	R999	QRE121J-121Y	C RESISTOR	120Ω 1/2W J
R547	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	L001	QQL244K-560Z	COIL	56uH K
R548 R553	QRE121J-152Y QRL039J-100	C RESISTOR OMF RESISTOR	1.5kΩ 1/2W J 10Ω 3W J	L101 L113	QQLZ014-R22 QQL244K-4R7Z	COIL COIL	0.22uH 100mA L 4.7uH K
△ R554	QRK126J-150X	UNF C RESISTOR	15Ω 1/2W J	L131	QQL244K-150Z	COIL	15uH K
R555 R601	QRX029J-3R3 NRSA63J-750X	MF RESISTOR MG RESISTOR	3.3Ω 2W J 75Ω 1/16W J	L161 L232	QQL244K-220Z QQL244K-560Z	COIL COIL	22uH K 56uH K
R602	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	L241	QQL244K-220Z	COIL	22uH K
R603 R610	NRSA63J-750X NRSA63J-0R0X	MG RESISTOR MG RESISTOR	75Ω 1/16W J 0Ω 1/16W J	L391 L511	QQL244K-220Z QQR1027-003	COIL LINEARITY COIL	22uH K
R611	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	L512	QQLZ036-821	COIL	820uH K
R612	NRSA63J-0R0X	MG RESISTOR MG RESISTOR	0Ω 1/16W J	L521	QQLZ026-640	COIL	64uH ±7%
R613 R621	NRSA63J-0R0X NRSA63J-682X	MG RESISTOR	0Ω 1/16W J 6.8kΩ 1/16W J	L701 L702	QQL244K-220Z QQL244K-220Z	COIL COIL	22uH K 22uH K
R622	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J	L704	QQL244K-220Z	COIL	22uH K
R623 R624	NRSA63J-682X NRSA63J-681X	MG RESISTOR MG RESISTOR	6.8kΩ 1/16W J 680Ω 1/16W J	L705 L931	QQL244K-220Z QQL26AK-470Z	COIL COIL	22uH K 47uH K
R626	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	L933	QQL26AK-470Z	COIL	47uH K
R627 R631	NRSA63J-223X NRSA63J-333X	MG RESISTOR MG RESISTOR	22kΩ 1/16W J 33kΩ 1/16W J	L940 T111	QQR0582-001Z QQR0907-001	FERRITE BEADS IFT	
R632	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	T501	CE42034-002	HOR DRIVE TRANS	
R638 R639	NRSA63J-0R0X NRSA63J-0R0X	MG RESISTOR MG RESISTOR	0Ω 1/16W J 0Ω 1/16W J	 ∆T502 ∆T921	QQH0121-001 QQS0138-001	FB TRANSF SW TRANSF	
R651	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	△ T951	QQT0372-001	POWER TRANSF	
R652 R653	NRSA63J-0R0X NRSA63J-0R0X	MG RESISTOR MG RESISTOR	0Ω 1/16W J 0Ω 1/16W J	CF001	QAX0349-001	C TRAP	47.25MHz
R700	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	CF131	QAX0639-001Z	C TRAP	4.500MHz
R701 R702	NRSA63J-103X NRSA63J-102X	MG RESISTOR MG RESISTOR	10kΩ 1/16W J 1kΩ 1/16W J	CF161 CN001	QAX0642-001Z QGB1505J1-35	C FILTER CONNECTOR	4.500MHz B-B (1-35)
R704	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	CN004	QGA2501C5-05Z	CONNECTOR	W-B (1-5)
R705 R706	NRSA63J-472X NRSA63J-472X	MG RESISTOR MG RESISTOR	4.7kΩ 1/16W J 4.7kΩ 1/16W J	CN005 CN007	QGA2501C5-04Z QGA2501C5-06Z	CONNECTOR CONNECTOR	W-B (1-4) W-B (1-6)
R707	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	CN00C	QGA2501F1-06	CONNECTOR	W-B (1-6)
R708 R709	NRSA63J-101X NRSA63J-101X	MG RESISTOR MG RESISTOR	100Ω 1/16W J 100Ω 1/16W J	CN0B1 CN0E1	QGA2501C5-03Z CE41507-001P	CONNECTOR LV CONNECTOR	W-B (1-3)
R715	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	CN0HV	QGZ5004C1-06	CONNECTOR	(1-6)
R718 R721	NRSA63J-223X NRSA63J-102X	MG RESISTOR MG RESISTOR	22kΩ 1/16W J 1kΩ 1/16W J	CN0S1 CN0SS	QGA2501C5-03Z QGA2501C5-04Z	CONNECTOR CONNECTOR	W-B (1-3) W-B (1-4)
R728	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	▲CP932	ICP-N70-T	IC PROTECTOR	2.5Á
R729 R731	NRSA63J-223X NRSA63J-101X	MG RESISTOR MG RESISTOR	22kΩ 1/16W J 100Ω 1/16W J		ICP-N70-T QMF0007-5R0J1	IC PROTECTOR FUSE	2.5A 5A
R732	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	 ∆F905	QMFZ049-5R0Z-E	FUSE	5A 125V
R733 R734	NRSA63J-472X NRSA63J-472X	MG RESISTOR MG RESISTOR	4.7kΩ 1/16W J 4.7kΩ 1/16W J	FC901 FC902	CEMG002-001Z CEMG002-001Z	FUSE CLIP FUSE CLIP	
R739	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	 ⚠FR525	QRZ9017-4R7	FUSI RESISTOR	4.7Ω 1/4W J
R740 R764	NRSA63J-103X NRSA63J-221X	MG RESISTOR MG RESISTOR	10kΩ 1/16W J 220Ω 1/16W J	▲FR527 HS001	QRZ9011-470 CEHE011-001WU	FUSI RESISTOR HEAT SINK	47Ω 1/2W J
R765	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	HS002	LC31678-001A	HEAT SINK/AL-F/	
R766 R767	NRSA63J-221X	MG RESISTOR MG RESISTOR	220Ω 1/16W J 220Ω 1/16W J	HS003 HS004	LC31677-001A	HEAT SINK/AL-F/ HEAT SINK	
R769	NRSA63J-221X NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	HS005	CEHE015-001WU CM42862-00G-H	HEAT SINK ASSY	
R772 R811	NRSA63J-103X NRSA63J-473X	MG RESISTOR MG RESISTOR	10kΩ 1/16W J 47kΩ 1/16W J	HS007 J601	CEHT11B-002QS QNN0349-002	HEAT SINK PIN JACK	COMPIN
R816	NRSA63J-124X	MG RESISTOR	120kΩ 1/16W J	K401	QQR0621-002Z	FERRITE BEADS	COMP IN
R821 R822	NRSA63J-184X NRSA63J-0R0X	MG RESISTOR MG RESISTOR	180kΩ 1/16W J 0Ω 1/16W J	K912 K916	QQR0582-001Z QQR0582-001Z	FERRITE BEADS FERRITE BEADS	
R827	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	K917	QQR0582-001Z QQR0582-001Z	FERRITE BEADS	
R855	QRG039J-100	OMF RESISTOR	10Ω 3W J	K918	QQR0582-001Z	FERRITE BEADS	
R857 R858	QRL029J-470 QRL029J-820	OMF RESISTOR OMF RESISTOR	47Ω 2W J 82Ω 2W J	K931 K932	QQR0582-001Z QQR0582-001Z	FERRITE BEADS FERRITE BEADS	
R901 R909	QRF074K-R47 QRG01GJ-470	UNF WW RESISTOR OMF RESISTOR	0.47Ω 7W K 47Ω 1W J	K933 K935	QQR0621-002Z QQR0582-001Z	FERRITE BEADS FERRITE BEADS	
R911	QRE121J-223Y	C RESISTOR	47Ω TW J 22kΩ 1/2W J	LC601	QQR0562-0012 QQR1199-001	EMI FILTER	
R912 R913	QRT029J-R22	MF RESISTOR MF RESISTOR	0.22Ω 2W J 0.22Ω 2W J	LC602 LC603	QQR1199-001	EMI FILTER EMI FILTER	
R913 △\R914	QRT029J-R22 QRK126J-681X	UNF C RESISTOR	0.22Ω 2W J 680Ω 1/2W J	∆LF901	QQR1199-001 QQR1085-003	LINE FILTER	
 AR915	QRK129J-6R8	UNF C RESISTOR	6.8Ω 1/2W J	∆RY951	QSK0086-001	RELAY	VOENTED
∆ R917 R918	QRK126J-332X QRE121J-222Y	UNF C RESISTOR C RESISTOR	3.3kΩ 1/2W J 2.2kΩ 1/2W J	S421 SF101	QSL4A13-C02 QAX0723-001	LEVER SWITCH SAW FILTER	V CENTER
R919	QRE121J-684Y	C RESISTOR	680kΩ 1/2W J	_∆TH901	QAD0132-3R0	P THERMISTOR	3Ω
R924 R930	QRE121J-222Y QRE121J-223Y	C RESISTOR C RESISTOR	2.2kΩ 1/2W J 22kΩ 1/2W J	∆ TU001 ∆ VA901	QAU0305-001 ERZV10V621CS	TUNER ZNR	
R939	QRT039J-2R2	MF RESISTOR	2.2Ω 3W J	W1	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R940 R941	QRE121J-181Y QRL029J-183	C RESISTOR OMF RESISTOR	180Ω 1/2W J 18kΩ 2W J	W2 W3	NRSA63J-0R0X NRSA63J-0R0X	MG RESISTOR MG RESISTOR	0Ω 1/16W J 0Ω 1/16W J
R950	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	W4	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R951 R952	NRSA63J-473X NRSA63J-102X	MG RESISTOR MG RESISTOR	47kΩ 1/16W J 1kΩ 1/16W J	W5 W6	NRSA63J-0R0X NRSA63J-0R0X	MG RESISTOR MG RESISTOR	0Ω 1/16W J 0Ω 1/16W J
R953	QRE121J-820Y	C RESISTOR	82Ω 1/2W J	W7	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R973 R975	QRE121J-272Y QRE121J-223Y	C RESISTOR C RESISTOR	2.7kΩ 1/2W J 22kΩ 1/2W J	W8 W9	NRSA63J-0R0X NRSA63J-0R0X	MG RESISTOR MG RESISTOR	0Ω 1/16W J 0Ω 1/16W J
R977	QRE121J-473Y	C RESISTOR	47kΩ 1/2W J	W10	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R978 R979	NRSA63J-333X QRT029J-1R2	MG RESISTOR MF RESISTOR	33kΩ 1/16W J 1.2Ω 2W J	W11 W12	NRSA63J-0R0X NRSA63J-0R0X	MG RESISTOR MG RESISTOR	0Ω 1/16W J 0Ω 1/16W J
R980	QRT029J-1R2	MF RESISTOR	1.2Ω 2W J	W13	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
 ⚠R998	QRZ9041-275	C RESISTOR	2.7MΩ 1/2W K	W14	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J

⚠Ref No.	Part No.	Part Name	Description Local	Ref No.	Part No.	Part Name	Description Local
W15 W16 W17 W18 W19 W20 W21 W22 W23 W24 W25 W26 W27 W28 X701 Y402 Y405 Y411 Y414 Y701	NRSA63J-0R0X ORE141J-0R0Y	MG RESISTOR CRYSTAL MG RESISTOR MG RESISTO	0Ω 1/16W J 0Ω 1/16W J	C5020 C5021 C5022 C5023 C5024 C5025 C5026 C5031 C5204 C5205 C5206 C5211 C5212 C5213 C5214 C5215 C5213 C5214 C5215 C5236 C5231 C5232 C5233 C5234 C5235 C5236 C5236 C5236 C5236 C5237	NCB31HK-472X QENC1HM-475Z NCB31EK-104X NCB31HK-472X QENC1HM-475Z NCB31EK-104X QETN1HM-335Z QETN1HM-335Z QETN1HM-106Z QETN1EM-476Z NCB31HK-103X QETN1EM-476Z NCB31HK-103X QENC1CM-106Z NDC31HJ-101X NDC31HJ-470X NDC31HJ-470X NDC31HJ-181X QETN1HM-474Z NCB31HK-103X QETN1CM-103X NCB31HK-103X QETN1CM-103X NCB31HK-103X	C CAPACITOR BP E CAPACITOR C CAPACITOR C CAPACITOR C CAPACITOR E CAPACITOR E CAPACITOR E CAPACITOR E CAPACITOR E CAPACITOR C CAPACITOR C CAPACITOR E CAPACITOR C CAPACITOR	4700pF 50V K 4.7uF 50V M 0.1uF 25V K 4700pF 50V K 4.7uF 50V M 0.1uF 25V K 3.3uF 50V M 10uF 50V M 10uF 50V M 47uF 25V M 0.01uF 50V K 47uF 25V M 0.01uF 50V K 10uF 16V M 100pF 50V J 47pF 50V J 180pF 50V J 0.47uF 50V K 100uF 16V M 0.01uF 50V K 100uF 16V M 0.01uF 50V K 0.01uF 50V K
REFER 7	TO PARTS LIST II	N PAGE 3-8 FOR THIS	S P.W. BOARD.	C5238 C5239 C5240	QETN1CM-107Z NCB31HK-103X NCB31HK-103X	E CAPACITOR C CAPACITOR C CAPACITOR	100uF 16V M 0.01uF 50V K 0.01uF 50V K
AV SEL	ECTER PW B	BOARD ASS'Y (SO	GE-5061A-M2) Description Local	C5241 C5242 C5243 C5246	NCB31HK-103X QETN1CM-107Z NCB31HK-103X NDC31HJ-181X	C CAPACITOR E CAPACITOR C CAPACITOR C CAPACITOR	0.01uF 50V K 100uF 16V M 0.01uF 50V K 180pF 50V J
IC5001 IC5201 IC5501	CXA2134Q-X TC90A49P TA1218AN	IC IC IC	<u> </u>	C5247 C5251 C5252 C5253 C5255	NCB31HK-103X QETN1EM-476Z NCB31HK-103X NDC31HJ-820X NDC31HJ-470X	C CAPACITOR E CAPACITOR C CAPACITOR C CAPACITOR C CAPACITOR	0.01 uF 50V K 47uF 25V M 0.01uF 50V K 82pF 50V J 47pF 50V J
Q5001 Q5002 Q5211 Q5212 Q5251 Q5252 Q5253 Q5261 Q5262 Q5263 Q5384 Q5385 Q5386 Q5387 Q5501	2SB709A/QR/-X 2SB709A/QR/-X 2SD601A/QR/-X 2SD601A/QR/-X 2SD601A/QR/-X 2SB709A/QR/-X 2SB709A/QR/-X 2SB709A/QR/-X 2SD601A/QR/-X 2SD601A/QR/-X DTC323TK-X DTC323TK-X DTC323TK-X DTC323TK-X 2SB709A/QR/-X 2SB709A/QR/-X	TRANSISTOR DIGI TRANSISTOR TRANSISTOR		C5263 C5391 C5392 C5501 C5502 C5503 C5504 C5508 C5509 C5520 C5521 C5531 C5532 C5533 C5534	NDC31HJ-470X QETN1HM-474Z QETN1HM-474Z QETN1HM-225Z QETN1HM-106Z QETN1HM-106Z QETN1HM-106Z NCB31HK-103X QETN1HM-225Z QETN1HM-225Z QETN1HM-225Z NCB31HK-103X QETN1EM-476Z NCB31HK-103X QETN1EM-476Z NCB31HK-103X QENC1CM-106Z	C CAPACITOR E CAPACITOR E CAPACITOR E CAPACITOR E CAPACITOR E CAPACITOR E CAPACITOR BP E CAPACITOR C CAPACITOR C CAPACITOR E CAPACITOR E CAPACITOR E CAPACITOR C CAPACITOR C CAPACITOR C CAPACITOR C CAPACITOR C CAPACITOR MG RESISTOR	47pF 50V J 0.47uF 50V M 0.47uF 50V M 2.2uF 50V M 2.2uF 50V M 10uF 50V M 10uF 16V M 10uF 50V M 0.01uF 50V K 2.2uF 50V M 2.2uF 50V M 0.01uF 50V K 47uF 25V M 0.01uF 50V K
D5391 D5392 D5501 D5502 D5503 D5504 D5505 D5507 D5508 D5510 D5511 D5512 D5513	MTZJ9.1C-T2 MTZJ9.1C-T2 MTZJ9.1C-T2 MTZJ9.1C-T2 MTZJ9.1C-T2 MTZJ9.1C-T2 MTZJ9.1C-T2 MTZJ9.1C-T2 MTZJ9.1C-T2 MTZJ9.1C-T2 MTZJ9.1C-T2 MTZJ9.1C-T2 MTZJ9.1C-T2 MTZJ9.1C-T2	Z DIODE		R5002 R5003 R5004 R5005 R5007 R5008 R5010 R5011 R5012 R5031 R5032 R5033 R5034 R5210	NRSA63J-103X NRSA63J-103X NRSA63J-682X NRSA63J-682X NRSA63J-392X NRSA63J-392X NRSA63J-221X NRSA63J-221X NRSA63J-221X NRSA63J-101X NRSA63J-101X NRSA63J-272X NRSA63J-272X NRSA63J-272X NRSA63J-0R0X	MG RESISTOR	100kΩ 1/16W J 6.8kΩ 1/16W J 6.8kΩ 1/16W J 6.8kΩ 1/16W J 62kΩ 1/16W J 3.8kΩ 1/16W J 3.9kΩ 1/16W J 220Ω 1/16W J 220Ω 1/16W J 100Ω 1/16W J 2.7kΩ 1/16W J 2.7kΩ 1/16W J 0Ω 1/16W J
C5001 C5002 C5003 C5004 C5006 C5007 C5008 C5009 C5010 C5011 C5011 C5012 C5013 C5014 C5015 C5016 C5017 C5018 C5019	QENC1HM-475Z NCB31HK-562X NCB31HK-123X QETN1HM-105Z QETN1HM-475Z QETN1HM-475Z QETN1HM-475Z QENC1HM-475Z QENC1HM-475Z NCB31HK-272X NCB31HK-272X NCB31HK-473X QENC1HM-475Z QETN1HM-105Z QETN1HM-105Z QENC1HM-105Z QENC1HM-105Z NCB31HK-223X	BP E CAPACITOR C CAPACITOR C CAPACITOR E CAPACITOR BP E CAPACITOR BP E CAPACITOR C CAPACITOR BP E CAPACITOR C CAPACITOR BP E CAPACITOR C CAPACITOR BP E CAPACITOR E CAPACITOR E CAPACITOR E CAPACITOR BP E CAPACITOR BP E CAPACITOR C CAPACITOR BP E CAPACITOR C CAPACITOR BP E CAPACITOR	4.7uF 50V M 5600pF 50V K 0.012uF 50V K 1uF 50V M 4.7uF 50V M 10uF 50V M 10uF 50V M 4.7uF 50V M 2700pF 50V K 0.047uF 50V K 4.7uF 50V M 10uF 50V M 10uF 50V M 10uF 50V M	R5211 R5212 R5213 R5214 R5215 R5216 R5217 R5240 R5241 R5242 R5243 R5251 R5253 R5255 R5255 R5258 R5259 R5261 R5262	NRSA63J-322X NRSA63J-102X NRSA63J-102X NRSA63J-181X NRSA63J-181X NRSA63J-152X NRSA63J-152X NRSA63J-102X NRSA63J-000X NRSA63J-101X NRSA63J-101X NRSA63J-101X NRSA63J-102X NRSA63J-102X NRSA63J-102X NRSA63J-681X NRSA63J-101X NRSA63J-101X NRSA63J-101X NRSA63J-101X NRSA63J-101X NRSA63J-101X NRSA63J-101X NRSA63J-101X NRSA63J-222X	MG RESISTOR	3.3kΩ 1/16W J 10kΩ 1/16W J 1kΩ 1/16W J 18Ω 1/16W J 18ΩΩ 1/16W J 1.5kΩ 1/16W J 1.5kΩ 1/16W J 2.2kΩ 1/16W J 0Ω 1/16W J 0Ω 1/16W J 10ΩΩ 1/16W J 10ΩΩ 1/16W J 470Ω 1/16W J 1kΩ 1/16W J 1kΩ 1/16W J 1kΩ 1/16W J 2.2kΩ 1/16W J 10ΩΩ 1/16W J

⚠Ref No.	Part No.	Part Name	Description Local
R5263	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J
R5265	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R5269	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J
R5270	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R5384	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J
R5385	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J
R5386	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J
R5387	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J
R5391	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R5392 R5393	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J 82kΩ 1/16W J
R5394	NRSA63J-823X NRSA63J-823X	MG RESISTOR MG RESISTOR	82kΩ 1/16W J
R5395	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R5396	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R5501	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R5502	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R5503	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R5504	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R5505	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R5507	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R5508	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J
R5509	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R5510	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R5511	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R5512	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R5513	NRSA63J-153X	MG RESISTOR MG RESISTOR	15kΩ 1/16W J
R5514 R5515	NRSA63J-103X NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J 10kΩ 1/16W J
R5516	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R5517	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R5519	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R5520	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R5521	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R5522	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J
R5523	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J
R5524	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R5526	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R5532	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J
R5533	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J
R5541 R5542	NRSA63J-221X NRSA63J-221X	MG RESISTOR MG RESISTOR	220Ω 1/16W J 220Ω 1/16W J
R5543	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R5544	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J
R5545	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J
R5546	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R5558	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R5559	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R5560	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R5561	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
L5202	QQL244K-150Z	COIL	15uH K
L5211	QQL244K-4R7Z	COIL	4.7uH K
L5241	QQL244K-4R7Z	COIL	4.7uH K
L5243	QQL244K-4R7Z	COIL	4.7uH K
L5244	QQL244K-4R7Z	COIL	4.7uH K
L5261	QQL244K-150Z	COIL	15uH K
CN5001	QGB1505K1-35	CONNECTOR	B-B (1-35)
CN5006	QGA2501C5-05Z	CONNECTOR	W-B (1-5)
J5501	QNZ0454-001	AV JACK	S/V/L/R IN
J5502	QNN0348-001	PIN JACK	V/L/R IN
J5503	QNN0348-001	PIN JACK	L/R OUT
W5001 W5002	NRSA63J-0R0X NRSA63J-0R0X	MG RESISTOR MG RESISTOR	0Ω 1/16W J 0Ω 1/16W J
W5002 W5003	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
W5003	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
W5005	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
W5006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
W5007	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
W5008	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
Y5201	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
Y5202	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J

FRONT TERMINAL PW BOARD ASS'Y (SGE-6061A-M2)

REFER TO PARTS LIST IN PAGE 3-9 FOR THIS P.W. BOARD.

FRONT CONTROL PW BOARD ASS'Y (SGE-7061A-M2)

[AV-32432/RA] MAIN PW BOARD ASS'Y (SGE-1063A-M2) D941 MTZJ33A-T2 Z DIODE ⚠Ref No. Part No. Part Name Description Local Z DIODE D945 MTZJ9.1B-T2 D952 1SS133-T2 DIODE D953 1SS133-T2 DIODE IC101 M52342SP D954 1N4002G-T2 SI DIODE TM8812CPDNG4N35 IC(MCU) IC201 D955 1N4002G-T2 SI DIODE IC421 LA7841 D956 1N4002G-T2 SI DIODE IC621 LA4485 IC D957 1N4002G-T2 SI DIODE AT24C04W-32430 (SERVICE) IC702 MTZJ15C-T2 D972 Z DIODE IC703 S-80840CNY-T IC D973 1SS133-T2 DIODE IC IC IC704 AN78L05-T IC852 AN7809F **△** PC921 TLP421F/D4-GR/ PHOTO COUPLER IC IC IC853 AN7805F ΔIC911 STR-G6624/F8 4.7uF 50V M C001 QETN1HM-475Z **E CAPACITOR** ΔIC921 SE135N IC C003 QETN1HM-106Z **E CAPACITOR** 10uF 50V M C004 QETN1CM-108Z **E CAPACITOR** 1000uF 16V M 0001 LIN2212-X DIGITRANSISTOR C006 QETN1EM-476Z **E CAPACITOR** 47uF 25V M 2SC5083/L-P/-T Q101 TRANSISTOR C101 NCB31HK-103X C CAPACITOR 0.01uF 50V K Q131 2SB709A/QR/-X **TRANSISTOR** C102 NCB31HK-103X C CAPACITOR 0.01uF 50V K Q161 2SD601A/QR/-X **TRANSISTOR** 0.01uF 50V K C104 NCB31HK-103X C CAPACITOR TRANSISTOR Q211 2SD601A/QR/-X NCB31HK-103X C CAPACITOR 0.01uF 50V K C105 Q232 2SD601A/QR/-X TRANSISTOR E CAPACITOR QETN1EM-476Z 47uF 25V M C106 Q233 2SD601A/QR/-X TRANSISTOR C107 NCB31HK-103X C CAPACITOR 0.01uF 50V K Q352 2SD601A/QR/-X TRANSISTOR NCB31HK-103X C CAPACITOR 0.01uF 50V K C113 Q431 UN2212-X DIGI TRANSISTOR C114 C CAPACITOR 0.01uF 50V K NCB31HK-103X Q501 2SC4212/Z1/ TRANSISTOR MF CAPACITOR 0.22uF 50V J C116 QFVF1HJ-224Z H OUT /NO511 2SD2645-YD TRANSISTOR C117 QETN1EM-476Z **E CAPACITOR** 47uF 25V M 2SC2785/JH/-T SI TRANSISTOR Q531 0.01uF 50V K 680pF 50V J NCB31HK-103X C CAPACITOR C118 Q532 2SB709A/QR/-X TRANSISTOR C119 NDC31HJ-681X C CAPACITOR Q541 2SB709A/QR/-X TRANSISTOR C120 QETN1HM-474Z E CAPACITOR 0.47uF 50V M Q542 2SB709A/QR/-X **TRANSISTOR** C124 NCB31HK-103X C CAPACITOR 0.01uF 50V K Q543 2SD1408/OY/-LB POW TRANSISTOR C CAPACITOR E CAPACITOR 0.01uF 50V K C131 C161 NCB31HK-103X Q622 2SD601A/QR/-X TRANSISTOR QETN1HM-106Z 10uF 50V M Q623 UN2212-X DIGI TRANSISTOR 47pF 50V J C163 NDC31HJ-470X C CAPACITOR Q701 2SB709A/QR/-X TRANSISTOR C CAPACITOR C164 NDC31HJ-470X 47pF 50V J Q951 2SD1383K/AB/-X **TRANSISTOR** 0.01uF 50V K C165 NCB31HK-103X C CAPACITOR Q971 2SA1208/ST/Z1-T **TRANSISTOR** NCB31HK-103X C CAPACITOR 0.01uF 50V K C166 C202 QETN1HM-105Z E CAPACITOR 1uF 50V M DIODE D305 1SS133-T2 NCB31HK-152X C CAPACITOR C203 1500pF 50V K 1SS133-T2 1SS133-T2 DIODE D306 C211 QENC1CM-106Z BP E CAPACITOR 10uF 16V M DIODE D307 C212 NDC31HJ-100X C CAPACITOR 10pF 50V J D308 1SS133-T2 DIODE C221 QETN1HM-106Z **E CAPACITOR** 10uF 50V M D309 1SS133-T2 DIODE MF CAPACITOR C CAPACITOR C222 QFVF1HJ-104Z 0.1uF 50V J D310 1SS133-T2 DIODE 0.01uF 50V K C223 NCB31HK-103X D352 MTZJ9.1C-T2 Z DIODE 68pF 50V J C CAPACITOR C233 C237 NDC31HJ-680X D353 1SS133-T2 DIODE C CAPACITOR 0.01uF 50V K NCB31HK-103X D354 MTZJ3.3A-T2 Z DIODE NCB31HK-103X C CAPACITOR 0.01uF 50V K C241 D421 1N4003-T2 SI DIODE QETN1HM-225Z E CAPACITOR C242 2.2uF 50V M D422 MTZJ75-T2 Z DIODE C243 QETN1CM-107Z E CAPACITOR 100uF 16V M D432 1SS133-T2 DIODE C244 NCB31HK-103X C CAPACITOR 0.01uF 50V K D501 RH3G-F1 SI DIODE QFVF1HJ-474Z MF CAPACITOR 0.47uF 50V J C281 RU3AM-LFC4 D502 SI DIODE C282 QETN1CM-107Z **E CAPACITOR** 100uF 16V M D521 RH1S-T3 SI DIODE C283 NCB31HK-103X C CAPACITOR 0.01uF 50V K D523 RGP10J-5025-T3 SI DIODE C284 QETN1HM-225Z **E CAPACITOR** 2.2uF 50V M D525 1SS81-T5 SI DIODE 0.01uF 50V K NCB31HK-103X C CAPACITOR C285 D526 1SS81-T5 SI DIODE QETN1HM-106Z C286 E CAPACITOR 10uF 50V M D527 1SR124-400A-T2 SI DIODE E CAPACITOR QETN1CM-107Z 100uF 16V M C287 MTZJ5.1C-T2 D529 Z DIODE C288 C352 NCB31HK-103X C CAPACITOR 0.01uF 50V K MA4068N/Z1/-T2 **⚠D531** Z DIODE QETN1CM-336Z E CAPACITOR 33uF 16V M D535 1SS133-T2 DIODE C354 NCB31HK-103X C CAPACITOR 0.01uF 50V K 1SR35-400A-T2 D537 SI DIODE E CAPACITOR C391 QETN1CM-107Z 100uF 16V M D601 MTZJ9.1C-T2 Z DIODE NCB31HK-103X C CAPACITOR 0.01uF 50V K C392 D602 MTZJ9.1C-T2 Z DIODE QFN32AJ-102Z M CAPACITOR C422 1000pF 100V J MT7.J9.1C-T2 7 DIODE D603 C424 QETN1VM-107Z **E CAPACITOR** 100uF 35V M MTZJ5.6B-T2 D700 7 DIODE C425 QETN1VM-477Z E CAPACITOR 470uF 35V M D701 DIODE 1SS133-T2 C427 QETN1HM-105Z E CAPACITOR 1uF 50V M D703 MTZJ5.6B-T2 7 DIODE C428 QETM1EM-228 E CAPACITOR 2200uF 25V M D704 MTZJ5.6B-T2 Z DIODE M CAPACITOR C431 QFLC2AK-563Z 0.056uF 100V K 1SS133-T2 D705 DIODE QETN1EM-476Z 47uF 25V M C432 C433 E CAPACITOR MTZJ5.6B-T2 D706 Z DIODE E CAPACITOR QETN1EM-476Z 47uF 25V M D707 MTZJ5.6B-T2 Z DIODE C435 NCB21HK-183X 0.018uF 50V K C CAPACITOR D708 MTZJ5.6B-T2 Z DIODE C440 QCS32HJ-220Z C CAPACITOR 22pF 500V J D709 MTZJ5.6B-T2 **Z DIODE** 150pF 500V K 330pF 500V K C501 QCB32HK-151Z C CAPACITOR D723 MTZJ5.6B-T2 Z DIODE C502 QCB32HK-331Z C CAPACITOR BRIDGE DIODE SB DIODE ^ND901 GSIB460-S1 C503 QEHR2CM-105Z **E CAPACITOR** 1uF 160V M MA700A-T2 D910 C504 QEZ0203-107 E CAPACITOR 100uF 160V M RGP10.I-5025-T3 SI DIODE D911 C507 QEM61HK-475Z **E CAPACITOR** 4.7uF 50V K RGP10J-5025-T3 SI DIODE D912 C508 QEM61HK-475Z E CAPACITOR 4.7uF 50V K D913 RGP10J-5025-T3 SI DIODE 5000pF 1.5kV H 5000pF 1.5kV H **∆**C510 QFZ0196-502 MPP CAPACITOR D914 1SS133-T2 DIODE MPP CAPACITOR ΔC510 QFZ0200-502 SARS01-T2 SI DIODE D915 **∆**C513 MPP CAPACITOR OFZ0198-133 0.013uF 1.5KV D917 MTZJ30A-T2 Z DIODE 0.018uF 400V J QFP32GJ-183 PP CAPACITOR C514 D918 MTZJ5.1C-T2 Z DIODE MPP CAPACITOR C515 QFZ0197-534 0.53uF 250V J D920 1SS133-T2 DIODE MPP CAPACITOR 0.53uF AV250V J C515 QFZ0199-534 D931 RU30A-F1 SI DIODE C516 QCB32HK-561Z C CAPACITOR 560pF 500V K D933 RU3YX-LFC4 SI DIODE QETN2EM-106Z 10uF 250V M C521 **E CAPACITOR** D935 RU3YX-I FC4 SI DIODE **E CAPACITOR** 1000uF 35V M QEHR1VM-108Z

⚠Ref No.

Part No.

Part Name

Description Local

Ref No.	Part No.	Part Name	Description Local	ΔRef No.	Part No.	Part Name	Description Local
C525	QETN1VM-107Z	E CAPACITOR	100uF 35V M	R115	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C526	QFV21HJ-824Z	MF CAPACITOR	0.82uF 50V J	R116	NRSA63J-680X	MG RESISTOR	68Ω 1/16W J
C527	QFLC2AJ-103Z	M CAPACITOR	0.01uF 100V J	R117	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J
C531	QCB32HK-102Z	C CAPACITOR	1000pF 500V K	R118	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J
C533	QETN1HM-106Z	E CAPACITOR	10uF 50V M	R131	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
C601	QETN1EM-476Z	E CAPACITOR	47uF 25V M	R132	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J
C602	QETN1EM-476Z	E CAPACITOR	47uF 25V M	R133	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J
C603	QETN1EM-476Z	E CAPACITOR	47uF 25V M	R134	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J
C609	QFVF1HJ-104Z	MF CAPACITOR	0.1uF 50V J	R135	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
C610	QFVF1HJ-104Z	MF CAPACITOR	0.1uF 50V J	R161	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
C611	QFVF1HJ-104Z	MF CAPACITOR	0.1uF 50V J	R162	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C621	NCB31HK-102X	C CAPACITOR	1000pF 50V K	R163	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J
C622	NCF21CZ-105X	C CAPACITOR	1uF 16V Z	R164	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
C623	NCB31HK-102X	C CAPACITOR	1000pF 50V K	R165	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J
C624	NCF21CZ-105X	C CAPACITOR	1uF 16V Z	R166	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
C625	QETN1CM-107Z	E CAPACITOR	100uF 16V M	R167	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
C626	QETN1EM-108Z	E CAPACITOR	1000uF 25V M	R168	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C627	QETN1HM-474Z	E CAPACITOR	0.47uF 50V M	R169	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J
C628	QETN1EM-108Z	E CAPACITOR	1000uF 25V M	R171	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
C629	QETN1EM-108Z	E CAPACITOR	1000uF 25V M	R201	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J
C636	QETN1HM-105Z	E CAPACITOR	1uF 50V M	R212	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J
C637	QETN1HM-105Z	E CAPACITOR	1uF 50V M	R215	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J
C700	NCB31HK-102X	C CAPACITOR	1000pF 50V K	R216	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J
C701 C702	QETN1HM-106Z	E CAPACITOR E CAPACITOR	10uF 50V M	R217 R222	NRSA63J-102X NRSA63J-0R0X	MG RESISTOR	1kΩ 1/16W J 0Ω 1/16W J
C703	QETN1HM-106Z QETN1HM-106Z	E CAPACITOR	10uF 50V M 10uF 50V M	R227	NRSA63J-104X	MG RESISTOR MG RESISTOR	100kΩ 1/16W J
C704	QETN1CM-107Z	E CAPACITOR	100uF 16V M	R231	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J
C705	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R237	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J
C706	QETN1HM-105Z	E CAPACITOR	1uF 50V M	R238	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J
C708	NDC31HJ-220X	C CAPACITOR	22pF 50V J	R241	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
C709	NDC31HJ-220X	C CAPACITOR	22pF 50V J	R243	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J
C711	QETN1CM-107Z	E CAPACITOR	100uF 16V M	R281	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J
C712	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R282	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J
C716	QETN1HM-106Z	E CAPACITOR	10uF 50V M	R283	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J
C728	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R286	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
C807	QETN1AM-477Z	E CAPACITOR	470uF 10V M	R287	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C815	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R288	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J
C853	QETN1CM-227Z	E CAPACITOR	220uF 16V M	R289	NRSA63J-154X	MG RESISTOR	150kΩ 1/16W J
C854	QETN1CM-227Z	E CAPACITOR	220uF 16V M	R290	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J
C856	QETN1CM-227Z	E CAPACITOR	220uF 16V M	R292	NRSA63J-124X	MG RESISTOR	120kΩ 1/16W J
C857	QETN1CM-477Z	E CAPACITOR	470uF 16V M	R293	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J
∆ C901	QFZ9072-104	MM CAPACITOR	0.1uF AC250V K	R301	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
∆ C902	QFZ9072-473	MM CAPACITOR	0.047uF AC250V K	R302	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
∆ C904	QCZ9054-102	C CAPACITOR	1000pF AC250V Z	R303	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
∆ C905	QCZ9054-102	C CAPACITOR	1000pF AC250V Z	R304	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
∆ C906	QCZ9054-102	C CAPACITOR	1000pF AC250V Z	R305	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C907	QEZ0169-477	E CAPACITOR	470uF 200V M	R306	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
∆ C908	QCZ9054-102	C CAPACITOR	1000pF AC250V Z	R354	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C912	QCZ0340-222	C CAPACITOR	2200pF 2kV K	R355	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C913	QFLC1HJ-471Z	M CAPACITOR	470pF 50V J	R356	NRSA63J-123X	MG RESISTOR	12kΩ 1/16W J
C914	QETN1HM-107Z	E CAPACITOR	100uF 50V M	R359	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
C916	NDC31HJ-331X	C CAPACITOR	330pF 50V J	R360	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C917	NCB31HK-182X	C CAPACITOR	1800pF 50V K	R421	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J
C918	NCB21HK-104X	C CAPACITOR	0.1uF 50V K	R423	NRSA63J-393X	MG RESISTOR	39kΩ 1/16W J
C919	QFP32GJ-103	PP CAPACITOR	0.01uF 400V J	R424	NRSA63J-393X	MG RESISTOR	39kΩ 1/16W J
C931	QEZ0203-107	E CAPACITOR	100uF 160V M	R426	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J
C933	QETN1CM-108Z	E CAPACITOR	1000uF 16V M	R427	QRT029J-1R5	MF RESISTOR	1.5Ω 2W J
C934	NDC31HJ-151X	C CAPACITOR	150pF 50V J	R429	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J
C935	QETN1EM-108Z	E CAPACITOR	1000uF 25V M	R430	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C937	QCZ0340-102	C CAPACITOR	1000pF 2kV K	R431	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J
C938	QETN1CM-477Z	E CAPACITOR	470uF 16V M	R432	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C939	QCB32HK-152Z	C CAPACITOR	1500pF 500V K	R433	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J
C941	QCB32HK-102Z	C CAPACITOR	1000pF 500V K	R434	QRL029J-181	OMF RESISTOR	180Ω 2W J
C942	QEHR1HM-105Z	E CAPACITOR	1uF 50V M	R435	QRE121J-102Y	C RESISTOR	1kΩ 1/2W J
C951	QETN1EM-477Z	E CAPACITOR	470uF 25V M	R441	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C952	QETN1CM-227Z	E CAPACITOR	220uF 16V M	R447	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J
C971	QETN1CM-107Z	E CAPACITOR	100uF 16V M	R448	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J
C972	QETN1EM-476Z	E CAPACITOR	47uF 25V M	R449	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
C973	QETN1HM-106Z	E CAPACITOR	10uF 50V M	R501	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
△C997	QCZ9052-102	C CAPACITOR	1000pF AC125V M	R502	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J
∆C998	QCZ9074-103	C CAPACITOR	0.01uF 250V	R503	QRE121J-103Y	C RESISTOR	10kΩ 1/2W J
∆C999	QCZ9074-103	C CAPACITOR	0.01uF 250V	R504	QRL039J-102	OMF RESISTOR	1kΩ 3W J
				R505	QRL039J-102	OMF RESISTOR	1kΩ 3W J
R002	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R511	QRE121J-220Y	C RESISTOR	22Ω 1/2W J
R003	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R512	QRE121J-681Y	C RESISTOR	680Ω 1/2W J
R004	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R523	QRJ146J-333X	UNF C RESISTOR	33kΩ 1/4W J
R005	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R526	QRE121J-272Y	C RESISTOR	2.7kΩ 1/2W J
R008	NRSA63J-820X	MG RESISTOR	82Ω 1/16W J	R527	QRE121J-154Y	C RESISTOR	150kΩ 1/2W J
R009	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	R528	QRE121J-154Y	C RESISTOR	150kΩ 1/2W J
R101	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	R529	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J
R102	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	R531	QRJ146J-391X	UNF C RESISTOR	390Ω 1/4W J
R103	QRE121J-101Y	C RESISTOR	100Ω 1/2W J	R532	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J
R104	NRSA63J-180X	MG RESISTOR	18Ω 1/16W J	R533	NRSA63J-123X	MG RESISTOR	12kΩ 1/16W J
R105	NRSA63J-270X	MG RESISTOR	27Ω 1/16W J	R534	NRSA63J-123X	MG RESISTOR	12kΩ 1/16W J
R111	NRSA63J-394X	MG RESISTOR	390kΩ 1/16W J	∆ R535	NRVA02D-222X	CMF RESISTOR	2.2kΩ 1/10W D
R112	NRSA63J-334X	MG RESISTOR	330kΩ 1/16W J	∆ R537	NRVA02D-752X	CMF RESISTOR	7.5kΩ 1/10W D
R113	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R538	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J

⚠Ref No.	Part No.	Part Name	Description Local	ÆRef No.	Part No.	Part Name	Description Local
R543 R544	QRE121J-122Y QRE121J-392Y	C RESISTOR C RESISTOR	1.2kΩ 1/2W J 3.9kΩ 1/2W J	R980 ∆ R998	QRT029J-1R2 QRZ9041-275	MF RESISTOR C RESISTOR	1.2Ω 2W J 2.7MΩ 1/2W K
R545 R546	QRE121J-822Y NRSA63J-331X	C RESISTOR MG RESISTOR	8.2kΩ 1/2W J 330Ω 1/16W J	R999	QRE121J-121Y	C RESISTOR	120Ω 1/2W J
R547	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	L001	QQL244K-560Z	COIL	56uH K
R548 R553	QRE121J-152Y QRL039J-180	C RESISTOR OMF RESISTOR	1.5kΩ 1/2W J 18Ω 3W J	L101 L113	QQLZ014-R22 QQL244K-4R7Z	COIL COIL	0.22uH 100mA L 4.7uH K
 ∆R554	QRK126J-150X	UNF C RESISTOR	15Ω 1/2W J	L113	QQL244K-150Z	COIL	15uH K
R555	QRX029J-3R3	MF RESISTOR	3.3Ω 2W J 75Ω 1/16W J	L161	QQL244K-220Z	COIL	22uH K 56uH K
R601 R602	NRSA63J-750X NRSA63J-750X	MG RESISTOR MG RESISTOR	75Ω 1/16W J	L232 L241	QQL244K-560Z QQL244K-220Z	COIL COIL	22uH K
R603	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	L391	QQL244K-220Z	COIL	22uH K
R610 R611	NRSA63J-0R0X NRSA63J-0R0X	MG RESISTOR MG RESISTOR	0Ω 1/16W J 0Ω 1/16W J	L511 L512	QQR1027-003 QQLZ036-821	LINEARITY COIL COIL	820uH K
R612	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	L521	QQLZ026-121	COIL	120uH ±7%
R613 R621	NRSA63J-0R0X NRSA63J-682X	MG RESISTOR MG RESISTOR	0Ω 1/16W J 6.8kΩ 1/16W J	L701 L702	QQL244K-220Z QQL244K-220Z	COIL COIL	22uH K 22uH K
R621 R622	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J	L704	QQL244K-220Z	COIL	22uH K
R623 R624	NRSA63J-682X NRSA63J-681X	MG RESISTOR MG RESISTOR	6.8kΩ 1/16W J 680Ω 1/16W J	L705 L931	QQL244K-220Z QQL26AK-470Z	COIL COIL	22uH K 47uH K
R626	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	L933	QQL26AK-470Z	COIL	47uH K
R627 R631	NRSA63J-223X NRSA63J-333X	MG RESISTOR MG RESISTOR	22kΩ 1/16W J 33kΩ 1/16W J	L940 T111	QQR0582-001Z QQR0907-001	FERRITE BEADS IFT	
R632 R638	NRSA63J-223X	MG RESISTOR MG RESISTOR	22kΩ 1/16W J	T501 T502	CE42034-002	HOR DRIVE TRANS	
R638 R639	NRSA63J-0R0X NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J 0Ω 1/16W J	∆1502 ∆T921	QQH0121-001 QQS0138-001	FB TRANSF SW TRANSF	
R651	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	 ∆T951	QQT0372-001	POWER TRANSF	
R652 R653	NRSA63J-0R0X NRSA63J-0R0X	MG RESISTOR MG RESISTOR	0Ω 1/16W J 0Ω 1/16W J	CF001	QAX0349-001	C TRAP	47.25MHz
R700 R701	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J 10kΩ 1/16W J	CF131 CF161	QAX0639-001Z	C TRAP	4.500MHz
R702	NRSA63J-103X NRSA63J-102X	MG RESISTOR MG RESISTOR	10kΩ 1/16W J 1kΩ 1/16W J	CN001	QAX0642-001Z QGB1505J1-35	C FILTER CONNECTOR	4.500MHz B-B (1-35)
R704	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	CN004	QGA2501C5-05Z	CONNECTOR	W-B (1-5)
R705 R706	NRSA63J-472X NRSA63J-472X	MG RESISTOR MG RESISTOR	4.7kΩ 1/16W J 4.7kΩ 1/16W J	CN005 CN007	QGA2501C5-04Z QGA2501C5-06Z	CONNECTOR CONNECTOR	W-B (1-4) W-B (1-6)
R707	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	CN00C	QGA2501F1-06	CONNECTOR	W-B (1-6)
R708 R709	NRSA63J-101X NRSA63J-101X	MG RESISTOR MG RESISTOR	100Ω 1/16W J 100Ω 1/16W J	CN0B1 CN0E1	QGA2501C5-03Z CE41507-001P	CONNECTOR LV CONNECTOR	W-B (1-3)
R715 R718	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J 22kΩ 1/16W J	CN0HV CN0S1	QGZ5004C1-06 QGA2501C5-03Z	CONNECTOR CONNECTOR	(1-6) W-B (1-3)
R721	NRSA63J-223X NRSA63J-102X	MG RESISTOR MG RESISTOR	1kΩ 1/16W J	CN0SS	QGA2501C5-04Z	CONNECTOR	W-B (1-4)
R728 R729	NRSA63J-102X NRSA63J-223X	MG RESISTOR MG RESISTOR	1kΩ 1/16W J 22kΩ 1/16W J	▲CP932	ICP-N70-T ICP-N70-T	IC PROTECTOR IC PROTECTOR	2.5A 2.5A
R731	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	 ₽F901	QMF0007-5R0J1	FUSE	5A
R732 R733	NRSA63J-101X NRSA63J-472X	MG RESISTOR MG RESISTOR	100Ω 1/16W J 4.7kΩ 1/16W J	 ⊈F905 FC901	QMFZ049-5R0Z-E CEMG002-001Z	FUSE FUSE CLIP	5A 125V
R734	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	FC902	CEMG002-001Z	FUSE CLIP	
R739 R740	NRSA63J-0R0X NRSA63J-103X	MG RESISTOR MG RESISTOR	0Ω 1/16W J 10kΩ 1/16W J	∆ FR525 ∆ FR527	QRZ9017-4R7 QRZ9011-470	FUSI RESISTOR FUSI RESISTOR	4.7Ω 1/4W J 47Ω 1/2W J
R764	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	HS001	CEHE011-001WU	HEAT SINK	1122 1/211 0
R765 R766	NRSA63J-221X NRSA63J-221X	MG RESISTOR MG RESISTOR	220Ω 1/16W J 220Ω 1/16W J	HS002 HS003	LC31678-001A LC31677-001A	HEAT SINK/AL-F/ HEAT SINK/AL-F/	
R767	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	HS004	CEHE015-001WU	HEAT SINK	
R769 R772	NRSA63J-682X NRSA63J-103X	MG RESISTOR MG RESISTOR	6.8kΩ 1/16W J 10kΩ 1/16W J	HS005 HS007	CM42862-00G-H CEHT11B-002QS	HEAT SINK ASSY HEAT SINK	
R811	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	J601	QNN0349-002	PIN JACK	COMP IN
R816 R821	NRSA63J-124X NRSA63J-184X	MG RESISTOR MG RESISTOR	120kΩ 1/16W J 180kΩ 1/16W J	K401 K912	QQR0621-002Z QQR0582-001Z	FERRITE BEADS FERRITE BEADS	
R822	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	K916	QQR0582-001Z	FERRITE BEADS	
R827 R855	NRSA63J-102X QRG039J-100	MG RESISTOR OMF RESISTOR	1kΩ 1/16W J 10Ω 3W J	K917 K918	QQR0582-001Z QQR0582-001Z	FERRITE BEADS FERRITE BEADS	
R857	QRL029J-470	OMF RESISTOR	47Ω 2W J	K931	QQR0582-001Z	FERRITE BEADS	
R858 R901	QRL029J-820 QRF074K-R47	OMF RESISTOR UNF WW RESISTOR	82Ω 2W J 0.47Ω 7W K	K932 K933	QQR0582-001Z QQR0621-002Z	FERRITE BEADS FERRITE BEADS	
R909 R911	QRG01GJ-470 QRE121J-223Y	OMF RESISTOR	47Ω 1W J 22kΩ 1/2W J	K935 LC601	QQR0582-001Z QQR1199-001	FERRITE BEADS	
R912	QRT029J-R22	C RESISTOR MF RESISTOR	0.22Ω 2W J	LC601 LC602	QQR1199-001 QQR1199-001	EMI FILTER EMI FILTER	
R913 ∕ ∆R914	QRT029J-R22 QRK126J-681X	MF RESISTOR UNF C RESISTOR	0.22Ω 2W J 680Ω 1/2W J	LC603 ∆ LF901	QQR1199-001 QQR1085-003	EMI FILTER LINE FILTER	
 ⚠R915	QRK120J-061A QRK129J-6R8	UNF C RESISTOR	6.8Ω 1/2W J	 ∆RY951	QSK0086-001	RELAY	
∆ R917 R918	QRK126J-332X QRE121J-222Y	UNF C RESISTOR C RESISTOR	3.3kΩ 1/2W J 2.2kΩ 1/2W J	S421 SF101	QSL4A13-C02 QAX0723-001	LEVER SWITCH SAW FILTER	V CENTER
R919	QRE121J-684Y	C RESISTOR	680kΩ 1/2W J	▲TH901	QAD0132-3R0	P THERMISTOR	3Ω
R924 R930	QRE121J-222Y QRE121J-223Y	C RESISTOR C RESISTOR	2.2kΩ 1/2W J 22kΩ 1/2W J	∆ TU001 ∆ VA901	QAU0305-001 ERZV10V621CS	TUNER ZNR	
R939	QRT039J-2R2	MF RESISTOR	2.2Ω 3W J	W1	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R940 R941	QRE121J-181Y QRL029J-183	C RESISTOR OMF RESISTOR	180Ω 1/2W J 18kΩ 2W J	W2 W3	NRSA63J-0R0X NRSA63J-0R0X	MG RESISTOR MG RESISTOR	0Ω 1/16W J 0Ω 1/16W J
R950	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	W4	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R951 R952	NRSA63J-473X NRSA63J-102X	MG RESISTOR MG RESISTOR	47kΩ 1/16W J 1kΩ 1/16W J	W5 W6	NRSA63J-0R0X NRSA63J-0R0X	MG RESISTOR MG RESISTOR	0Ω 1/16W J 0Ω 1/16W J
R953	QRE121J-820Y	C RESISTOR	82Ω 1/2W J	W7	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R973 R975	QRE121J-272Y QRE121J-223Y	C RESISTOR C RESISTOR	2.7kΩ 1/2W J 22kΩ 1/2W J	W8 W9	NRSA63J-0R0X NRSA63J-0R0X	MG RESISTOR MG RESISTOR	0Ω 1/16W J 0Ω 1/16W J
R977	QRE121J-473Y	C RESISTOR	47kΩ 1/2W J	W10	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R978 R979	NRSA63J-333X QRT029J-1R2	MG RESISTOR MF RESISTOR	33kΩ 1/16W J 1.2Ω 2W J	W11 W12	NRSA63J-0R0X NRSA63J-0R0X	MG RESISTOR MG RESISTOR	0Ω 1/16W J 0Ω 1/16W J
11313	WITH OLDO-111/2	WII INCOIDION	1.424 AVV J	V V I Z	11110/1000-0110/	MO NEGIOTOR	022 1/ 10 VV J

Ref No.	Part No.	Part Name	Description Local
W13 W14	NRSA63J-0R0X NRSA63J-0R0X	MG RESISTOR MG RESISTOR	0Ω 1/16W J 0Ω 1/16W J
W15	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
W16	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
W17	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
W18	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
W19	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
W20	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
W21	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
W22	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
W23	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
W24	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
W25	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
W26	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
W27	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
W28	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
X701	QAX0717-001Z	CRYSTAL	8.000MHz
Y402	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
Y405	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
Y411	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
Y414	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
Y701	QRE141J-0R0Y	C RESISTOR	0Ω 1/4W J

CRT SOCKET PW BOARD ASS'Y (SGE-3061A-M2)

REFER TO PARTS LIST IN PAGE 3-8 FOR THIS P.W. BOARD.

AV SELECTER PW BOARD ASS'Y (SGE-5061A-M2)

REFER TO PARTS LIST IN PAGE 3-22 FOR THIS P.W. BOARD.

FRONT TERMINAL PW BOARD ASS'Y (SGE-6061A-M2)

REFER TO PARTS LIST IN PAGE 3-9 FOR THIS P.W. BOARD.

FRONT CONTROL PW BOARD ASS'Y (SGE-7061A-M2)

Pair No. Pair No. Pair Name Description Local D945 MTZ.J9.1B-T2 Z [D952 1SS133-T2 D16 D953 1SS133-T2 D16 D953 1SS133-T2 D16 D953 1SS133-T2 D16 D954 1N4002G-T2 SI D955 1N4002G-T2 SI D955 1N4002G-T2 SI D955 1N4002G-T2 SI D955 1N4002G-T2 SI D956 N4002G-T2 SI D956 N400	DIODE DIODE DIODE IODE IODE IODE IODE I DIODE IODE IODE IODE IODE IODE IODE IODE
COU1	I DIODE IODE HOTO COUPLER CAPACITOR
IC421	I DIODE I DIODE DIODE IODE IODE HOTO COUPLER CAPACITOR
IC702	DIODE IODE IODE HOTO COUPLER CAPACITOR
C704	HOTO COUPLER CAPACITOR 4.7uF 50V M CAPACITOR 10uF 50V M CAPACITOR 1000uF 16V M CAPACITOR 47uF 25V M CAPACITOR 0.01uF 50V K CAPACITOR 680P 50V J
C853	CAPACITOR 4.7uF 50V M CAPACITOR 10uF 50V M CAPACITOR 1000uF 16V M CAPACITOR 47uF 25V M CAPACITOR 0.01uF 50V K CAPACITOR 47uF 25V M CAPACITOR 0.01uF 50V K CAPACITOR 680pF 50V J
△NIC921 SE135N IC C0001 C0003 QETN1HM-106Z Q001 Q001 Q001 Q101 Q101 Q101 Q101 Q10	CAPACITOR 10uF 50V M CAPACITOR 1000uF 16V M CAPACITOR 47uF 25V M CAPACITOR 0.01uF 50V K CAPACITOR 47uF 25V M CAPACITOR 0.01uF 50V K CAPACITOR 0.02uF 50V J CAPACITOR 0.01uF 50V K CAPACITOR 680pF 50V J
Q001 UNZ212-X DIGIT RANSISTOR C006 QETN1EM-476Z E 0 Q101 2SC5083/L-P/-T TRANSISTOR C102 NCB31HK-103X C 0 Q131 2SB709A/QR/-X TRANSISTOR C102 NCB31HK-103X C 0 Q161 2SD601A/QR/-X TRANSISTOR C104 NCB31HK-103X C 0 Q211 2SD601A/QR/-X TRANSISTOR C105 NCB31HK-103X C 0 Q232 2SD601A/QR/-X TRANSISTOR C106 QETN1EM-476Z E 0 Q233 2SD601A/QR/-X TRANSISTOR C107 NCB31HK-103X C 0 Q352 2SD601A/QR/-X TRANSISTOR C113 NCB31HK-103X C 0 Q431 UN2212-X DIGI TRANSISTOR C114 NCB31HK-103X C 0 Q501 2SC4212/Z1/ TRANSISTOR C114 NCB31HK-103X C 0 Q501 2SC425/JH/-T SI TRANSISTOR H OUT C116 QFVF1HJ-224Z MF Q531 2SC2785/JH/-T SI TRANSISTOR C118	CAPACITOR 47uF 25V M CAPACITOR 0.01uF 50V K CAPACITOR 47uF 25V M CAPACITOR 0.01uF 50V K CAPACITOR 0.01uF 50V K CAPACITOR 0.01uF 50V K CAPACITOR 0.01uF 50V K CAPACITOR 0.22uF 50V J CAPACITOR 0.22uF 50V J CAPACITOR 0.01uF 50V K CAPACITOR 0.01uF 50V K CAPACITOR 0.01uF 50V K CAPACITOR 0.01uF 50V K CAPACITOR 0.01uF 50V J
Q101 25S0963/L-P/-1 TRANSISTOR C101 NCB31HK-103X C 0 Q161 2SD601A/QR/-X TRANSISTOR C102 NCB31HK-103X C 0 Q211 2SD601A/QR/-X TRANSISTOR C104 NCB31HK-103X C 0 Q232 2SD601A/QR/-X TRANSISTOR C105 NCB31HK-103X C 0 Q233 2SD601A/QR/-X TRANSISTOR C106 QETN1EM-476Z E 0 Q352 2SD601A/QR/-X TRANSISTOR C107 NCB31HK-103X C 0 Q431 UN2212-X DIGI TRANSISTOR C113 NCB31HK-103X C 0 Q501 2SC4212/Z1/ TRANSISTOR C114 NCB31HK-103X C 0 Q501 2SC425-YD TRANSISTOR H OUT C116 QFVF1HJ-224Z MF Q531 2SC2785/JH/-T SI TRANSISTOR C117 QETN1EM-476Z E 0 Q532 2SB709A/QR/-X TRANSISTOR C118 NCB31HK-103X C 0 Q541 2SB709A/QR/-X TRANSISTOR C120	CAPACITOR 0.01uF 50V K CAPACITOR 0.22uF 50V J CAPACITOR 47uF 25V M CAPACITOR 0.01uF 50V K CAPACITOR 680PF 50V V CAPACITOR 680PF 50V K
Q211 2SD801A/QR/-X TRANSISTOR C104 NCB31HK-103X C1 Q232 2SD801A/QR/-X TRANSISTOR C105 NCB31HK-103X C1 Q233 2SD801A/QR/-X TRANSISTOR C107 NCB31HK-103X C1 Q352 2SD801A/QR/-X TRANSISTOR C107 NCB31HK-103X C1 Q431 UN2212-X DIGI TRANSISTOR C113 NCB31HK-103X C1 Q501 2SC4212/Z1/1 TRANSISTOR C114 NCB31HK-103X C1 ΔQ511 2SD2645-YD TRANSISTOR H OUT C116 QFVF1HJ-224Z MF Q531 2SC2785/JH/-T SI TRANSISTOR C117 QETN1EM-476Z E 0 Q532 2SB709A/QR/-X TRANSISTOR C118 NCB31HK-103X C 0 Q541 2SB709A/QR/-X TRANSISTOR C119 NDC31HJ-681X C 0 Q541 2SB709A/QR/-X TRANSISTOR C120 QETN1HM-474Z E 0	CAPACITOR 0.01uF 50V K CAPACITOR 0.01uF 50V K CAPACITOR 47uF 25V M CAPACITOR 0.01uF 50V K CAPACITOR 0.01uF 50V K CAPACITOR 0.01uF 50V K CAPACITOR 0.01uF 50V K IF CAPACITOR 0.22uF 50V J CAPACITOR 47uF 25V M CAPACITOR 0.01uF 50V K CAPACITOR 0.01uF 50V K CAPACITOR 680pF 50V J
Q232 250001A/QR/-X TRANSISTOR C106 QETN1EM-476Z E 0 Q352 2SD601A/QR/-X TRANSISTOR C107 NCB31HK-103X C 0 Q431 UN2212-X DIGI TRANSISTOR C113 NCB31HK-103X C 0 Q501 2SC4212/Z1/ TRANSISTOR C114 NCB31HK-103X C 0 ДФ511 2SD2645-YD TRANSISTOR H OUT C116 QFVF1HJ-224Z MF Q531 2SC2785/JH/-T SI TRANSISTOR C117 QETN1EM-476Z E 0 Q532 2SB709A/QR/-X TRANSISTOR C118 NCB31HK-103X C 0 Q541 2SB799A/QR/-X TRANSISTOR C119 NDC31HJ-681X C 0 Q541 2SB799A/QR/-X TRANSISTOR C120 QETM1HM-474Z E 0	CAPACITOR 47uF 25V M CAPACITOR 0.01uF 50V K CAPACITOR 0.01uF 50V K CAPACITOR 0.01uF 50V K CAPACITOR 0.01uF 50V K IF CAPACITOR 0.22uF 50V J CAPACITOR 47uF 25V M CAPACITOR 0.01uF 50V K CAPACITOR 680pF 50V J
Q352 2SD601A/QR/-X TRANSISTOR C107 NCB31HK-103X C C Q431 UN2212-X DIGI TRANSISTOR C114 NCB31HK-103X C C Q501 2SC4212/Z1/ TRANSISTOR C116 QFVF1HJ-224Z MF ∆Q511 2SD2645-YD TRANSISTOR H OUT C116 QFVF1HJ-224Z MF Q531 2SC2785/JH/-T SI TRANSISTOR C118 NCB31HK-103X C C Q532 2SB709A/QR/-X TRANSISTOR C118 NCB31HK-103X C C Q541 2SB709A/QR/-X TRANSISTOR C119 NDC31HJ-681X C C Q541 2SB709A/QR/-X TRANSISTOR C120 QETM1HM-474Z E C	CAPACITOR 0.01uF 50V K CAPACITOR 0.01uF 50V K IF CAPACITOR 0.22uF 50V J CAPACITOR 47uF 25V M CAPACITOR 0.01uF 50V K CAPACITOR 680pF 50V J
Q501 2SC4212/Z1/ TRANSISTOR C114 NCB3/HR-103X CVQ511 2SD2645-YD TRANSISTOR H OUT C117 QETN1EM-476Z E Q531 2SC2785/JH/-T SI TRANSISTOR C118 NCB3/HK-103X C Q532 2SB709A/QR/-X TRANSISTOR C118 NCB3/HK-103X C Q541 2SB709A/QR/-X TRANSISTOR C119 NDC3/HJ-681X C Q541 2SB709A/QR/-X TRANSISTOR C120 QETN1HM-474Z E Q541 2SB709A/QR/-X TRANSISTOR C120 QETN1H	F CAPACITOR
Q531 2SC2785/JH/-T SI TRANSISTOR C118 NCB31HK-103X C 0 Q532 2SB709A/QR/-X TRANSISTOR C119 NDC31HJ-681X C 0 Q541 2SB709A/QR/-X TRANSISTOR C119 NDC31HJ-681X C 0 Q541 2SB709A/QR/-X TRANSISTOR C120 QETN1HM-474Z E 0	CAPACITOR 0.01uF 50V K CAPACITOR 680pF 50V J
Q541 2SB709A/QR/-X TRANSISTOR C120 QETN1HM-474Z E (CAPACITOR 680pF 50V J
Q042 Z0B/U9A/QR/-X TRANOIOTUR 0404 NOD041// 4007 0	0.41 UF 30V W
O543 2SD1408/OY/-LB POW TRANSISTOR C124 NOB31HK-103X CV	CAPACITOR 0.01uF 50V K CAPACITOR 0.01uF 50V K
Q623 UN2212-X DIGI TRANSISTOR C161 QETN1HM-106Z E (CAPACITOR 10uF 50V M CAPACITOR 47pF 50V J
ODE 1 20D1309V/AP/V TRANSISTOR C164 NDC31HJ-470X C (CAPACITOR 47pF 50V J CAPACITOR 0.01uF 50V K
Q971 25A1208/51/Z1-1 TRANSISTOR C166 NCB31HK-103X C1	CAPACITOR 0.01uF 50V K
D305 155135-12 DIODE C203 NCB31HK-152X C (CAPACITOR 1uF 50V M CAPACITOR 1500pF 50V K
D307 1SS133-T2 DIODE C212 NDC31HJ-100X C (P E CAPACITOR 10uF 16V M CAPACITOR 10pF 50V J
D309 1SS133-T2 DIODE C221 QETNIHWI-1062 EV	CAPACITOR 10uF 50V M IF CAPACITOR 0.1uF 50V J
D352 MTZJ9.1C-T2 Z DIODE C223 NDC31HJ-680X C 0	CAPACITOR 0.01uF 50V K CAPACITOR 68pF 50V J
D354 MTZJ3.3A-T2 Z DIODE C237 NCB31HK-103X C 0	CAPACITOR 0.01uF 50V K CAPACITOR 0.01uF 50V K
D422 MTZJ75-T2 Z DIODE C242 QETN1HM-225Z E 0	CAPACITOR 2.2uF 50V M CAPACITOR 100uF 16V M
D501 RH3G-F1 SI DIODE C244 NCB31HK-103X C (CAPACITOR 0.01uF 50V K IF CAPACITOR 0.47uF 50V J
D521 RH1S-T3 SI DIODE C282 QETN1CM-107Z E (CAPACITOR 100uF 16V M CAPACITOR 0.01uF 50V K
D25	CAPACITOR 2.2uF 50V M
D526 1SS81-T5 SI DIODE C286 QETN1HM-106Z E C	CAPACITOR 10uF 50V M
D529 MTZJ5.1C-T2 Z DIODE C288 NCB31HK-103X C (CAPACITOR 100uF 16V M CAPACITOR 0.01uF 50V K
D535 1SS133-T2 DIODE C352 QETMICWI-3302 EV	CAPACITOR 33uF 16V M CAPACITOR 0.01uF 50V K
D601 MTZJ9.1C-T2 Z DIODE C391 QETN1CM-107Z E C	CAPACITOR 100uF 16V M CAPACITOR 0.01uF 50V K
D603 MTZJ9.1C-T2 Z DIODE C422 QFN32AJ-102Z M1	I CAPACITOR 1000pF 100V J CAPACITOR 100uF 35V M
D701 1SS133-T2 DIODE C427 QETN1HM-105Z E (CAPACITOR 470uF 35V M CAPACITOR 1uF 50V M
D704 MTZJ5.6B-T2 Z DIODE C428 QETM1EM-228 E (CAPACITOR 2200uF 25V M I CAPACITOR 0.056uF 100V K
D706 MTZJ5.6B-T2 Z DIODE C432 QETN1EM-476Z E C	CAPACITOR 47uF 25V M CAPACITOR 47uF 25V M
D708 MTZJ5.6B-T2 Z DIODE C435 NCB21HK-183X C (CAPACITOR 0.018uF 50V K CAPACITOR 22pF 500V J
D709 M1233.0B-12 Z DIODE C501 QCB32HK-151Z C (CAPACITOR 150pF 500V K CAPACITOR 330pF 500V K
20091 G518404-51 BRIDGE DIODE C503 QEHR2CM-105Z E (CAPACITOR 1 uF 160V M
D012 PCP10 F036 T2 SI DIODE C507 QEM61HK-475Z E (CAPACITOR 100uF 160V M CAPACITOR 4.7uF 50V K
D913 RGP10J-5025-T3 SI DIODE	CAPACITOR 4.7uF 50V K IPP CAPACITOR 5000pF 1.5kV H
D915 SARS01-T2 SI DIODE C514 QFP32GJ-183 PP	IPP CAPACITOR 0.013uF 1.5KV P CAPACITOR 0.018uF 400V J
D040 MT7 IE 40 T0 7 DIODE CO 10 VFZU 199-034 WI	IPP CAPACITOR 0.53uF 250V J CAPACITOR 560pF 500V K
D931 RU30A-F1 SI DIODE C521 QETN2EM-106Z E (CAPACITOR 10uF 250V M CAPACITOR 1000uF 35V M
D933 RU31X-LFC4 SI DIODE C525 QETN1VM-107Z E (CAPACITOR 100uF 35V M IF CAPACITOR 0.82uF 50V J

Ref No.	Part No.	Part Name	Description Local	ΔRef No.	Part No.	Part Name	Description Local
C527 C531	QFLC2AJ-103Z QCB32HK-102Z	M CAPACITOR C CAPACITOR	0.01uF 100V J 1000pF 500V K	R117 R118	NRSA63J-273X NRSA63J-223X	MG RESISTOR MG RESISTOR	27kΩ 1/16W J 22kΩ 1/16W J
C533	QETN1HM-106Z	E CAPACITOR	10uF 50V M	R131	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
C601 C602	QETN1EM-476Z QETN1EM-476Z	E CAPACITOR E CAPACITOR	47uF 25V M 47uF 25V M	R132 R133	NRSA63J-331X NRSA63J-821X	MG RESISTOR MG RESISTOR	330Ω 1/16W J 820Ω 1/16W J
C603	QETN1EM-476Z	E CAPACITOR	47uF 25V M	R134	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J
C609 C610	QFVF1HJ-104Z QFVF1HJ-104Z	MF CAPACITOR MF CAPACITOR	0.1uF 50V J 0.1uF 50V J	R135 R161	NRSA63J-102X NRSA63J-332X	MG RESISTOR MG RESISTOR	1kΩ 1/16W J 3.3kΩ 1/16W J
C611	QFVF1HJ-104Z	MF CAPACITOR	0.1uF 50V J	R162	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C621 C622	NCB31HK-102X NCF21CZ-105X	C CAPACITOR C CAPACITOR	1000pF 50V K 1uF 16V Z	R163 R164	NRSA63J-223X NRSA63J-102X	MG RESISTOR MG RESISTOR	22kΩ 1/16W J 1kΩ 1/16W J
C623	NCB31HK-102X	C CAPACITOR	1000pF 50V K	R165	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J
C624 C625	NCF21CZ-105X QETN1CM-107Z	C CAPACITOR E CAPACITOR	1uF 16V Z 100uF 16V M	R166 R167	NRSA63J-103X NRSA63J-102X	MG RESISTOR MG RESISTOR	10kΩ 1/16W J 1kΩ 1/16W J
C626	QETN1EM-108Z	E CAPACITOR	1000uF 25V M	R168	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C627 C628	QETN1HM-474Z QETN1EM-108Z	E CAPACITOR E CAPACITOR	0.47uF 50V M 1000uF 25V M	R169 R171	NRSA63J-561X NRSA63J-103X	MG RESISTOR MG RESISTOR	560Ω 1/16W J 10kΩ 1/16W J
C629	QETN1EM-108Z	E CAPACITOR	1000uF 25V M	R201	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J
C636 C637	QETN1HM-105Z QETN1HM-105Z	E CAPACITOR E CAPACITOR	1uF 50V M 1uF 50V M	R212 R215	NRSA63J-272X NRSA63J-562X	MG RESISTOR MG RESISTOR	2.7kΩ 1/16W J 5.6kΩ 1/16W J
C700	NCB31HK-102X	C CAPACITOR	1000pF 50V K	R216	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J
C701 C702	QETN1HM-106Z QETN1HM-106Z	E CAPACITOR E CAPACITOR	10uF 50V M 10uF 50V M	R217 R222	NRSA63J-102X NRSA63J-0R0X	MG RESISTOR MG RESISTOR	1kΩ 1/16W J 0Ω 1/16W J
C703 C704	QETN1HM-106Z	E CAPACITOR	10uF 50V M	R227 R231	NRSA63J-104X NRSA63J-182X	MG RESISTOR	100kΩ 1/16W J 1.8kΩ 1/16W J
C705	QETN1CM-107Z NCB31HK-103X	E CAPACITOR C CAPACITOR	100uF 16V M 0.01uF 50V K	R237	NRSA63J-392X	MG RESISTOR MG RESISTOR	3.9kΩ 1/16W J
C706	QETN1HM-105Z	E CAPACITOR	1uF 50V M	R238	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J
C708 C709	NDC31HJ-220X NDC31HJ-220X	C CAPACITOR C CAPACITOR	22pF 50V J 22pF 50V J	R241 R243	NRSA63J-332X NRSA63J-152X	MG RESISTOR MG RESISTOR	3.3kΩ 1/16W J 1.5kΩ 1/16W J
C711 C712	QETN1CM-107Z NCB31HK-103X	E CAPACITOR C CAPACITOR	100uF 16V M 0.01uF 50V K	R281 R282	NRSA63J-182X NRSA63J-392X	MG RESISTOR MG RESISTOR	1.8kΩ 1/16W J 3.9kΩ 1/16W J
C716	QETN1HM-106Z	E CAPACITOR	10uF 50V M	R283	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J
C728 C807	NCB31HK-103X QETN1AM-477Z	C CAPACITOR E CAPACITOR	0.01uF 50V K 470uF 10V M	R286 R287	NRSA63J-472X NRSA63J-101X	MG RESISTOR MG RESISTOR	4.7kΩ 1/16W J 100Ω 1/16W J
C815	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R288	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J
C853 C854	QETN1CM-227Z QETN1CM-227Z	E CAPACITOR E CAPACITOR	220uF 16V M 220uF 16V M	R289 R290	NRSA63J-154X NRSA63J-561X	MG RESISTOR MG RESISTOR	150kΩ 1/16W J 560Ω 1/16W J
C856	QETN1CM-227Z QETN1CM-477Z	E CAPACITOR E CAPACITOR	220uF 16V M 470uF 16V M	R292 R293	NRSA63J-124X	MG RESISTOR	120kΩ 1/16W J 220kΩ 1/16W J
C857 ∆ C901	QFZ9072-104	MM CAPACITOR	0.1uF AC250V K	R301	NRSA63J-224X NRSA63J-222X	MG RESISTOR MG RESISTOR	2.2kΩ 1/16W J
∆C902 ∆C904	QFZ9072-473 QCZ9054-102	MM CAPACITOR C CAPACITOR	0.047uF AC250V K 1000pF AC250V Z	R302 R303	NRSA63J-222X NRSA63J-222X	MG RESISTOR MG RESISTOR	2.2kΩ 1/16W J 2.2kΩ 1/16W J
∆ C905	QCZ9054-102	C CAPACITOR	1000pF AC250V Z	R304	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C906 C907	QCZ9054-102 QEZ0169-477	C CAPACITOR E CAPACITOR	1000pF AC250V Z 470uF 200V M	R305 R306	NRSA63J-101X NRSA63J-101X	MG RESISTOR MG RESISTOR	100Ω 1/16W J 100Ω 1/16W J
∆ C908	QCZ9054-102	C CAPACITOR	1000pF AC250V Z	R354	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C912 C913	QCZ0340-222 QFLC1HJ-471Z	C CAPACITOR M CAPACITOR	2200pF 2kV K 470pF 50V J	R355 R356	NRSA63J-0R0X NRSA63J-123X	MG RESISTOR MG RESISTOR	0Ω 1/16W J 12kΩ 1/16W J
C914 C916	QETN1HM-107Z NDC31HJ-331X	E CAPACITOR C CAPACITOR	100uF 50V M 330pF 50V J	R359 R360	NRSA63J-103X NCB31HK-103X	MG RESISTOR C CAPACITOR	10kΩ 1/16W J 0.01uF 50V K
C917	NCB31HK-182X	C CAPACITOR	1800pF 50V K	R421	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J
C918 C919	NCB21HK-104X QFP32GJ-103	C CAPACITOR PP CAPACITOR	0.1uF 50V K 0.01uF 400V J	R423 R424	NRSA63J-393X NRSA63J-393X	MG RESISTOR MG RESISTOR	39kΩ 1/16W J 39kΩ 1/16W J
C931	QEZ0203-107	E CAPACITOR	100uF 160V M	R426	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J
C933 C934	QETN1CM-108Z NDC31HJ-151X	E CAPACITOR C CAPACITOR	1000uF 16V M 150pF 50V J	R427 R429	QRT029J-1R5 NRSA63J-272X	MF RESISTOR MG RESISTOR	1.5Ω 2W J 2.7kΩ 1/16W J
C935 C937	QETN1EM-108Z	E CAPACITOR	1000uF 25V M	R430	NRSA63J-0R0X NRSA63J-152X	MG RESISTOR	0Ω 1/16W J 1.5kΩ 1/16W J
C937 C938	QCZ0340-102 QETN1CM-477Z	C CAPACITOR E CAPACITOR	1000pF 2kV K 470uF 16V M	R431 R432	NRSA63J-152X NRSA63J-101X	MG RESISTOR MG RESISTOR	1.5kΩ 1/16W J 100Ω 1/16W J
C939 C941	QCB32HK-152Z QCB32HK-102Z	C CAPACITOR C CAPACITOR	1500pF 500V K 1000pF 500V K	R433 R434	NRSA63J-681X QRL029J-181	MG RESISTOR OMF RESISTOR	680Ω 1/16W J 180Ω 2W J
C942	QEHR1HM-105Z	E CAPACITOR	1uF 50V M	R435	QRE121J-102Y	C RESISTOR	1kΩ 1/2W J
C951 C952	QETN1EM-477Z QETN1CM-227Z	E CAPACITOR E CAPACITOR	470uF 25V M 220uF 16V M	R441 R447	NRSA63J-0R0X NRSA63J-104X	MG RESISTOR MG RESISTOR	0Ω 1/16W J 100kΩ 1/16W J
C971	QETN1CM-107Z	E CAPACITOR	100uF 16V M	R448	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J
C972 C973	QETN1EM-476Z QETN1HM-106Z	E CAPACITOR E CAPACITOR	47uF 25V M 10uF 50V M	R449 R501	NRSA63J-103X NRSA63J-0R0X	MG RESISTOR MG RESISTOR	10kΩ 1/16W J 0Ω 1/16W J
∆C997 ∆C998	QCZ9052-102 QCZ9074-103	C CAPACITOR C CAPACITOR	1000pF AC125V M 0.01uF 250V	R502 R503	NRSA63J-271X QRE121J-103Y	MG RESISTOR C RESISTOR	270Ω 1/16W J 10kΩ 1/2W J
∆C999	QCZ9074-103 QCZ9074-103	C CAPACITOR	0.01uF 250V	R504	QRL039J-102	OMF RESISTOR	1kΩ 3W J
R002	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R505 R511	QRL039J-102 QRE121J-220Y	OMF RESISTOR C RESISTOR	1kΩ 3W J 22Ω 1/2W J
R003	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R512	QRE121J-681Y	C RESISTOR	680Ω 1/2W J
R004 R005	NRSA63J-101X NRSA63J-0R0X	MG RESISTOR MG RESISTOR	100Ω 1/16W J 0Ω 1/16W J	R523 R526	QRJ146J-333X QRE121J-272Y	UNF C RESISTOR C RESISTOR	33kΩ 1/4W J 2.7kΩ 1/2W J
R008	NRSA63J-820X	MG RESISTOR	82Ω 1/16W J	R527	QRE121J-154Y	C RESISTOR	150kΩ 1/2W J
R009 R101	NRSA63J-682X NRSA63J-562X	MG RESISTOR MG RESISTOR	6.8kΩ 1/16W J 5.6kΩ 1/16W J	R528 R529	QRE121J-154Y NRSA63J-331X	C RESISTOR MG RESISTOR	150kΩ 1/2W J 330Ω 1/16W J
R102 R103	NRSA63J-182X QRE121J-101Y	MG RESISTOR C RESISTOR	1.8kΩ 1/16W J 100Ω 1/2W J	R531 R532	QRJ146J-391X NRSA63J-273X	UNF C RESISTOR MG RESISTOR	390Ω 1/4W J 27kΩ 1/16W J
R104	NRSA63J-180X	MG RESISTOR	18Ω 1/16W J	R533	NRSA63J-123X	MG RESISTOR	12kΩ 1/16W J
R105 R111	NRSA63J-270X NRSA63J-394X	MG RESISTOR MG RESISTOR	27Ω 1/16W J 390kΩ 1/16W J	R534 ∆R535	NRSA63J-123X NRVA02D-222X	MG RESISTOR CMF RESISTOR	12kΩ 1/16W J 2.2kΩ 1/10W D
R112	NRSA63J-334X	MG RESISTOR	330kΩ 1/16W J	 ∆R537	NRVA02D-752X	CMF RESISTOR	7.5kΩ 1/10W D
R113 R115	NRSA63J-101X NRSA63J-101X	MG RESISTOR MG RESISTOR	100Ω 1/16W J 100Ω 1/16W J	R538 R543	NRSA63J-333X QRE121J-122Y	MG RESISTOR C RESISTOR	33kΩ 1/16W J 1.2kΩ 1/2W J
R116	NRSA63J-680X	MG RESISTOR	68Ω 1/16W J	R544	QRE121J-392Y	C RESISTOR	3.9kΩ 1/2W J

⚠Ref No.	Part No.	Part Name	Description Local	Ref No.	Part No.	Part Name	Description Local
R545	QRE121J-822Y	C RESISTOR	8.2kΩ 1/2W J	R999	QRE121J-121Y	C RESISTOR	120Ω 1/2W J
R546 R547	NRSA63J-331X NRSA63J-104X	MG RESISTOR MG RESISTOR	330Ω 1/16W J 100kΩ 1/16W J	L001	QQL244K-560Z	COIL	56uH K
R548 R553	QRE121J-152Y QRL039J-180	C RESISTOR OMF RESISTOR	1.5kΩ 1/2W J 18Ω 3W J	L101 L113	QQLZ014-R22 QQL244K-4R7Z	COIL COIL	0.22uH 100mA L 4.7uH K
 ∆R554	QRK126J-150X	UNF C RESISTOR	15Ω 1/2W J	L131	QQL244K-150Z	COIL	15uH K
R555 R601	QRX029J-3R3 NRSA63J-750X	MF RESISTOR MG RESISTOR	3.3Ω 2W J 75Ω 1/16W J	L161 L232	QQL244K-220Z QQL244K-560Z	COIL COIL	22uH K 56uH K
R602	NRSA63J-750X	MG RESISTOR MG RESISTOR	75Ω 1/16W J	L241	QQL244K-220Z	COIL	22uH K
R603 R610	NRSA63J-750X NRSA63J-0R0X	MG RESISTOR MG RESISTOR	75Ω 1/16W J 0Ω 1/16W J	L391 L511	QQL244K-220Z QQR1027-003	COIL LINEARITY COIL	22uH K
R611 R612	NRSA63J-0R0X NRSA63J-0R0X	MG RESISTOR MG RESISTOR	0Ω 1/16W J 0Ω 1/16W J	L512 L521	QQLZ036-821 QQLZ026-121	COIL COIL	820uH K 120uH ±7%
R613	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	L701	QQL244K-220Z	COIL	22uH K
R621 R622	NRSA63J-682X NRSA63J-681X	MG RESISTOR MG RESISTOR	6.8kΩ 1/16W J 680Ω 1/16W J	L702 L704	QQL244K-220Z QQL244K-220Z	COIL COIL	22uH K 22uH K
R623 R624	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	L705	QQL244K-220Z	COIL	22uH K
R624 R626	NRSA63J-681X NRSA63J-223X	MG RESISTOR MG RESISTOR	680Ω 1/16W J 22kΩ 1/16W J	L931 L933	QQL26AK-470Z QQL26AK-470Z	COIL COIL	47uH K 47uH K
R627	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	L940	QQR0582-001Z	FERRITE BEADS	
R631 R632	NRSA63J-333X NRSA63J-223X	MG RESISTOR MG RESISTOR	33kΩ 1/16W J 22kΩ 1/16W J	T111 T501	QQR0907-001 CE42034-002	IFT HOR DRIVE TRANS	
R638 R639	NRSA63J-0R0X NRSA63J-0R0X	MG RESISTOR MG RESISTOR	0Ω 1/16W J 0Ω 1/16W J	 ∆T502 ∆T921	QQH0121-001 QQS0138-001	FB TRANSF SW TRANSF	
R651	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	<u>∆</u> T951	QQT0372-001	POWER TRANSF	
R652 R653	NRSA63J-0R0X NRSA63J-0R0X	MG RESISTOR MG RESISTOR	0Ω 1/16W J 0Ω 1/16W J	CF001	QAX0349-001	C TRAP	47.25MHz
R700	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	CF131	QAX0639-001Z	C TRAP	4.500MHz
R701 R702	NRSA63J-103X NRSA63J-102X	MG RESISTOR MG RESISTOR	10kΩ 1/16W J 1kΩ 1/16W J	CF161 CN001	QAX0642-001Z QGB1505J1-35	C FILTER CONNECTOR	4.500MHz B-B (1-35)
R704 R705	NRSA63J-472X NRSA63J-472X	MG RESISTOR MG RESISTOR	4.7kΩ 1/16W J	CN004 CN005	QGA2501C5-05Z	CONNECTOR	W-B (1-5)
R706	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J 4.7kΩ 1/16W J	CN007	QGA2501C5-04Z QGA2501C5-06Z	CONNECTOR CONNECTOR	W-B (1-4) W-B (1-6)
R707 R708	NRSA63J-103X NRSA63J-101X	MG RESISTOR MG RESISTOR	10kΩ 1/16W J 100Ω 1/16W J	CN00C CN0B1	QGA2501F1-06 QGA2501C5-03Z	CONNECTOR CONNECTOR	W-B (1-6) W-B (1-3)
R709	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	CN0E1	CE41507-001P	LV CONNECTOR	
R715 R718	NRSA63J-103X NRSA63J-223X	MG RESISTOR MG RESISTOR	10kΩ 1/16W J 22kΩ 1/16W J	CN0HV CN0S1	QGZ5004C1-06 QGA2501C5-03Z	CONNECTOR CONNECTOR	(1-6) W-B (1-3)
R721	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	CN0SS	QGA2501C5-04Z	CONNECTOR	W-B (1-4)
R728 R729	NRSA63J-102X NRSA63J-223X	MG RESISTOR MG RESISTOR	1kΩ 1/16W J 22kΩ 1/16W J		ICP-N70-T ICP-N70-T	IC PROTECTOR IC PROTECTOR	2.5A 2.5A
R731 R732	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	 ∆F901 ∆F905	QMF0007-5R0J1 QMFZ049-5R0Z-E	FUSE FUSE	5A 5A 125V
R733	NRSA63J-101X NRSA63J-472X	MG RESISTOR MG RESISTOR	100Ω 1/16W J 4.7kΩ 1/16W J	FC901	CEMG002-001Z	FUSE CLIP	3A 123V
R734 R739	NRSA63J-472X NRSA63J-0R0X	MG RESISTOR MG RESISTOR	4.7kΩ 1/16W J 0Ω 1/16W J	FC902 ∆ FR525	CEMG002-001Z QRZ9017-4R7	FUSE CLIP FUSI RESISTOR	4.7Ω 1/4W J
R740	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	△FR527	QRZ9011-470	FUSI RESISTOR	47Ω 1/2W J
R764 R765	NRSA63J-221X NRSA63J-221X	MG RESISTOR MG RESISTOR	220Ω 1/16W J 220Ω 1/16W J	HS001 HS002	CEHE011-001WU LC31678-001A	HEAT SINK HEAT SINK/AL-F/	
R766 R767	NRSA63J-221X NRSA63J-221X	MG RESISTOR MG RESISTOR	220Ω 1/16W J 220Ω 1/16W J	HS003 HS004	LC31677-001A CEHE015-001WU	HEAT SINK/AL-F/ HEAT SINK	
R769	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	HS005	CM42862-00G-H	HEAT SINK ASSY	
R772 R811	NRSA63J-103X NRSA63J-473X	MG RESISTOR MG RESISTOR	10kΩ 1/16W J 47kΩ 1/16W J	HS007 J601	CEHT11B-002QS QNN0349-002	HEAT SINK PIN JACK	COMP IN
R816	NRSA63J-473X NRSA63J-124X	MG RESISTOR	120kΩ 1/16W J	K401	QNN0349-002 QQR0621-002Z	FERRITE BEADS	
R821 R822	NRSA63J-184X NRSA63J-0R0X	MG RESISTOR MG RESISTOR	180kΩ 1/16W J 0Ω 1/16W J	K912 K916	QQR0582-001Z QQR0582-001Z	FERRITE BEADS FERRITE BEADS	
R827 R855	NRSA63J-102X QRG039J-100	MG RESISTOR OMF RESISTOR	1kΩ 1/16W J 10Ω 3W J	K917 K918	QQR0582-001Z QQR0582-001Z	FERRITE BEADS FERRITE BEADS	
R857	QRL029J-470	OMF RESISTOR	47Ω 2W J	K931	QQR0582-001Z	FERRITE BEADS	
R858 R901	QRL029J-820 QRF074K-R47	OMF RESISTOR UNF WW RESISTOR	82Ω 2W J 0.47Ω 7W K	K932 K933	QQR0582-001Z QQR0621-002Z	FERRITE BEADS FERRITE BEADS	
R909	QRG01GJ-470	OMF RESISTOR	47Ω 1W J	K935	QQR0582-001Z	FERRITE BEADS	
R911 R912	QRE121J-223Y QRT029J-R22	C RESISTOR MF RESISTOR	22kΩ 1/2W J 0.22Ω 2W J	LC601 LC602	QQR1199-001 QQR1199-001	EMI FILTER EMI FILTER	
R913 ∆ R914	QRT029J-R22 QRK126J-681X	MF RESISTOR UNF C RESISTOR	0.22Ω 2W J 680Ω 1/2W J	LC603 ∆ LF901	QQR1199-001 QQR1085-003	EMI FILTER LINE FILTER	
 ⚠R915	QRK129J-6R8	UNF C RESISTOR	6.8Ω 1/2W J	 ⚠RY951	QSK0086-001	RELAY	
∆ R917 R918	QRK126J-332X QRE121J-222Y	UNF C RESISTOR C RESISTOR	3.3kΩ 1/2W J 2.2kΩ 1/2W J	S421 SF101	QSL4A13-C02 QAX0723-001	LEVER SWITCH SAW FILTER	V CENTER
R919	QRE121J-684Y	C RESISTOR	680kΩ 1/2W J	▲TH901	QAD0132-3R0	P THERMISTOR	3Ω
R924 R930	QRE121J-222Y QRE121J-223Y	C RESISTOR C RESISTOR	2.2kΩ 1/2W J 22kΩ 1/2W J	 ∆TU001 ∆VA901	QAU0305-001 ERZV10V621CS	TUNER ZNR	
R939 R940	QRT039J-2R2 QRE121J-181Y	MF RESISTOR	2.2Ω 3W J 180Ω 1/2W J	W1 W2	NRSA63J-0R0X NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R941	QRL029J-183	C RESISTOR OMF RESISTOR	18kΩ 2W J	W3	NRSA63J-0R0X	MG RESISTOR MG RESISTOR	0Ω 1/16W J 0Ω 1/16W J
R950 R951	NRSA63J-0R0X NRSA63J-473X	MG RESISTOR MG RESISTOR	0Ω 1/16W J 47kΩ 1/16W J	W4 W5	NRSA63J-0R0X NRSA63J-0R0X	MG RESISTOR MG RESISTOR	0Ω 1/16W J 0Ω 1/16W J
R952	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	W6	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R953 R973	QRE121J-820Y QRE121J-272Y	C RESISTOR C RESISTOR	82Ω 1/2W J 2.7kΩ 1/2W J	W7 W8	NRSA63J-0R0X NRSA63J-0R0X	MG RESISTOR MG RESISTOR	0Ω 1/16W J 0Ω 1/16W J
R975	QRE121J-223Y	C RESISTOR	22kΩ 1/2W J	W9	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R977 R978	QRE121J-473Y NRSA63J-333X	C RESISTOR MG RESISTOR	47kΩ 1/2W J 33kΩ 1/16W J	W10 W11	NRSA63J-0R0X NRSA63J-0R0X	MG RESISTOR MG RESISTOR	0Ω 1/16W J 0Ω 1/16W J
R979 R980	QRT029J-1R2 QRT029J-1R2	MF RESISTOR MF RESISTOR	1.2Ω 2W J 1.2Ω 2W J	W12 W13	NRSA63J-0R0X NRSA63J-0R0X	MG RESISTOR MG RESISTOR	0Ω 1/16W J 0Ω 1/16W J
 ∆R998	QRZ9041-275	C RESISTOR	2.7MΩ 1/2W K	W14	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J

Ref No.	Part No.	Part Name	Description Loca
W15 W16 W17 W18 W19 W20 W21 W22 W23 W24 W25 W26 W27 W28 X701 Y402 Y405 Y411 Y414 Y701	NRSA63J-0R0X NRSA63J-0R0X NRSA63J-0R0X NRSA63J-0R0X NRSA63J-0R0X NRSA63J-0R0X NRSA63J-0R0X NRSA63J-0R0X NRSA63J-0R0X NRSA63J-0R0X NRSA63J-0R0X NRSA63J-0R0X NRSA63J-0R0X NRSA63J-0R0X NRSA63J-0R0X QAX0717-001Z NRSA63J-0R0X NRSA63J-0R0X NRSA63J-0R0X NRSA63J-0R0X NRSA63J-0R0X NRSA63J-0R0X NRSA63J-0R0X NRSA63J-0R0X NRSA63J-0R0X NRSA63J-0R0X NRSA63J-0R0X NRSA63J-0R0X NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J 0Ω 1/16W J
1701	QIVE 1410-0K01	C INLOID FOR	052 1/4VV J

CRT SOCKET PW BOARD ASS'Y (SGE-3062A-M2)

REFER TO PARTS LIST IN PAGE 3-18 FOR THIS P.W. BOARD.

AV SELECTER PW BOARD ASS'Y (SGE-5061A-M2)

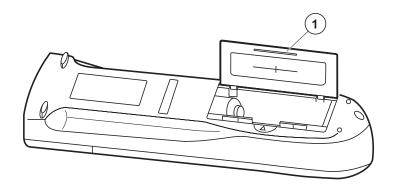
REFER TO PARTS LIST IN PAGE 3-22 FOR THIS P.W. BOARD.

FRONT TERMINAL PW BOARD ASS'Y (SGE-6061A-M2)

REFER TO PARTS LIST IN PAGE 3-9 FOR THIS P.W. BOARD.

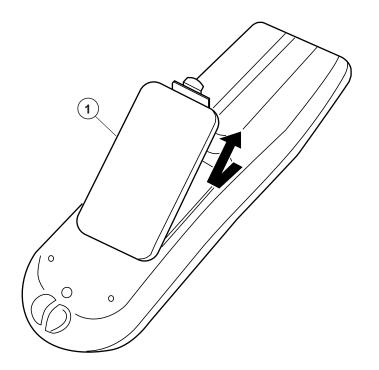
FRONT CONTROL PW BOARD ASS'Y (SGE-7061A-M2)

REMOTE CONTROL UNIT PARTS LIST (RM-C1255G-1H)



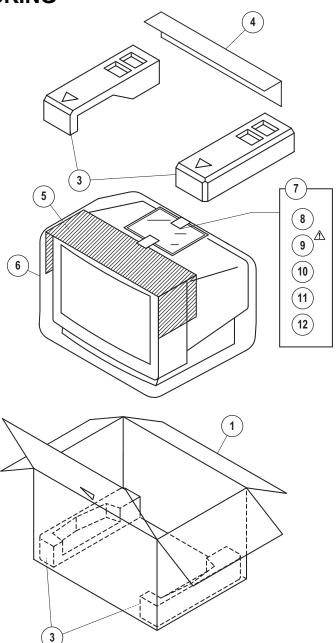
⚠ Ref.No.	Part No.	Part Name	Description	Local
1	UR77EC0603	BATTERY COVER		

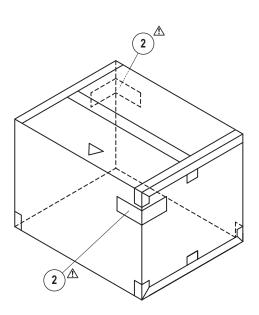
REMOTE CONTROL UNIT PARTS LIST (RM-C203-1C)



⚠ Ref.No.	Part No.	Part Name	Description	Local
1	LP40991-001C	BATTERY COVER		

PACKING





PACKING PARTS LIST

Δ	Ref.No.	Part No.	Part Name	Description	Local
<u></u>	1 2 3 4 5 6 7 8 8 9 10 11 11	CP11499-D18-A CM36616-001-A LC10176-002C-A GQ30043-008A-A CP30055-A02-A CP30056-A04-A QPA02503505 RM-C203-1C RM-C1255G-1H LCT1319-001A-A BT-51028-2Q BT-52006-1Q BT-52006-2Q	PACKING CASE CORNER LABEL CUSHION ASSY TOP PAD TOP COVER POLY BAG POLY BAG REMOCON UNIT REMOCON UNIT INST BOOK REGISTRATION C WARRANTY CARD WARRANTY CARD DRY BATTERY	4pcs in 1set 25cm x 35cm	AV-32430MA,AV-32430RA,AV-32430YA AV-32432MA,AV-32432RA,AV-32432YA AV-32430MA,AV-32430RA,AV-32430YA AV-32432MA,AV-32432RA,AV-32432YA
	12		DRIDALIERI	ROP AA (XZ)	